



REGULAR BOARD MEETING

JULY 19, 2022



**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins
Vice President
Division 1

Andrew Watkins
President
Division 2

Alvin Cortopassi
Division 3

Melvin Panizza
Division 4

Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

Thomas McGurk
Division 7

STAFF

Justin M. Hopkins
Interim General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

Phone 209-948-0333
Fax 209-948-0423

E-mail sewd@sewd.net

6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

MEETING NOTICE

THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE STOCKTON EAST WATER DISTRICT WILL BE HELD AT 12:30 P.M., TUESDAY, JULY 19, 2022 AT THE DISTRICT OFFICE, 6767 EAST MAIN STREET STOCKTON, CALIFORNIA 95215

Assistance for the Disabled: If you are disabled in any way and need accommodation to participate in the meeting, please contact Kristin Carido, Administrative Services Manager (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

DUE TO COVID-19 STOCKTON EAST WATER DISTRICT BOARD MEETINGS WILL BE AVAILABLE BY TELECONFERENCE.

Please call (425) 436-6336/Access Code: 866228# to be connected to the Regular Board Meeting, to begin at 12:30 p.m.

Agendas and minutes are located on our website at www.sewd.net.

AGENDA

Page No

- A. Pledge of Allegiance (Legal Counsel Zolezzi) & Roll Call**
- B. Consent Calendar (None)**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items**
 - 1. Minutes 07/12/22 Regular Meeting 01
 - 2. Warrants
 - a. Fund 67 – Agricultural Fund 09
 - b. Fund 70 – Administration Fund 11
 - c. Fund 71 – Water Supply Fund 13
 - d. Fund 89 – Fish Passage Improvements Fund 15
 - e. Fund 91 – Vehicle Fund 17
 - f. Fund 94 – Municipal & Industrial Fund 19
 - g. Summary 23
 - h. Short Names/Acronym List 25
 - i. SEWD Vehicles & Heavy Equipment 27
 - 3. Amended Eastern San Joaquin Groundwater Sustainability Plan Adoption
 - a. Public Hearing 29

D.	Scheduled Presentations and Agenda Items – continued	
	3. Amended Eastern San Joaquin Groundwater Sustainability Plan Adoption - <i>continued</i>	
	b. Resolution No. 22-23-06 – Adopting the Amended Groundwater Sustainability Plan and Technical Memorandums and Direct the Eastern San Joaquin Groundwater Authority to Submit the Plan to the California Department of Water Resources on Behalf of the Member Agencies	31
	4. Rock Creek Water District Agreement	57
	5. ACWA/JPIA – 2022/2023 Property Program Rates, 07/07/22	63
E.	Committee Reports	
	1. Eastern San Joaquin Groundwater Authority Steering Committee Meeting, 07/13/22	65
	2. Eastern San Joaquin Groundwater Authority Board of Directors Meeting, 07/13/22	67
F.	Report of the General Manager	
	1. Water Supply Report as of 07/11/22	69
	2. Information Items	
	a. Material Included, but Bound Separately from Agenda Packet:	
	1. <u>Stockton City Council Approves New Water Conservation Measures: What To Know, Abc10.com, 07/13/22</u>	
	2. <u>California’s Department Of Water Resources Plans For Future Drought With Salinity Barrier Study, Kcra.com, 07/11/22</u>	
	3. <u>San Joaquin Area Flood Control Agency – Notice Of Third Public Hearing Of The Mossdale Tract Enhanced Infrastructure Financing District Public Financing Authority, Sjafca.com, 07/11/22</u>	
	4. <u>Water Agencies Once At Odds Collaborating On ‘Dream’ Project, Lodinews.com, 07/08/22</u>	
	3. Report on General Manager Activities	
	a. Central Valley Project Water Association – Executive & Financial Affairs Committee, 07/15/22	
	b. Calaveras River Tour, 07/15/22	
	c. Stockton East Water District Activities Update	

- G. Director Reports**
1. Stockton East Water District Special Board Meeting – Calaveras River System Luncheon, 07/15/22 71
 2. Stockton East Water District Special Board Meeting, 07/18/22 73
- H. Communications**
- I. Agenda Planning/Upcoming Events**
1. Association of California Water Agencies Groundwater Committee – SGMA Implementation Subcommittee Meeting, 2:00 p.m., 07/19/22
 2. San Joaquin County Office of Emergency Services – Agricultural Drought Task Force Meeting, 10:00 a.m., 07/20/22
 3. Stockton East Water District – Recharge Projects Follow-up Discussion, 3:00 p.m., 07/21/22
 4. Association of California Water Agencies – Energy Committee Meeting, 9:30 a.m., 07/26/22
- J. Report of the Counsel**
1. Closed Session - Potential Litigation
Government Code 54956.9 (c) – two cases
- K. Adjournment**

Certification of Posting

I hereby certify that on July 14, 2022 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).

Executed at Stockton, California on July 14, 2022.

Kristin Carido, Administrative Services Manager
Stockton East Water District

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THE REGULAR MEETING OF THE BOARD OF DIRECTORS
OF STOCKTON EAST WATER DISTRICT WAS HELD AT THE DISTRICT OFFICE
6767 EAST MAIN STREET, STOCKTON, CA
ON TUESDAY, JULY 12, 2022 AT 12:30 P.M.

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

President Watkins called the regular meeting to order at 12:30 p.m., and Director Atkins led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, McGaughey, McGurk, Sanguinetti and Watkins. Also present were Interim Manager Hopkins, District Engineer Evensen, Finance Director Vega, Administrative Services Manager Carido, Administrative Clerk Feliciano, and Legal Counsel Zolezzi. Present at roll call via teleconference was Director Panizza. Director Sanguinetti excused himself from the meeting at 12:45 p.m. and returned at 1:21 p.m.

B. CONSENT CALENDAR

C. PUBLIC COMMENT

Director Cortopassi wished President Watkins a happy belated birthday as his birthday was two days prior to Director Cortopassi's. Director McGaughey commented her birthday is on Saturday and July is a busy month for Board birthdays.

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Minutes 07/05/22 Regular Meeting

A motion was moved and seconded to approve the July 5, 2022 Regular Board Meeting minutes, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: None

2. Warrants – California Public Employees' Retirement System

A motion was moved and seconded to approve the July 12, 2022 Warrants – California Public Employees' Retirement System, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: None

3. California Public Employees' Retirement System – Yearly Unfunded Accrued Liability (UAL) Payment Options

Interim Manager Hopkins provided the Board with information on the California Public Employees' Retirement System (CalPERS) – Yearly Unfunded Accrued Liability (UAL) Payment Options. Finance Director Vega reported this is a yearly exercise brought to the Board for consideration. Interim Manager Hopkins reported each year the District receives a notice from CalPERS for payments to the UAL for the District's Retirement Plans. Finance Director Vega stated paying yearly provides savings

and if paid monthly, an interest amount applies. Paying annually would result in ~\$18,440 savings. Director Cortopassi inquired if the UAL is paid every two weeks or monthly. Finance Director Vega replied CalPERS contributions have two components: the UAL which can be paid annually or monthly per the presented memo and the payroll contributions which are paid every two weeks. Finance Director Vega added that the UAL payment changes according to the yearly CalPERS Actuarial Valuation which looks at things like changes to financial performance and mortality rates. Director Cortopassi inquired if the District had made an additional payment to the UAL recently. Finance Director Vega replied yes the District made a payment in excess of one million dollars in December of 2021; without the pre-payment the District would owe more than presented this year and in years to come.

President Watkins inquired if the funds have to be taken out of reserves. Finance Director Vega replied no, the UAL is a budgeted item.

A motion was moved and seconded to pay the full amount of the California Public Employees' Retirement System (CalPERS) Unfunded Accrued Liability in lump sum; and, in the amounts of \$526,021 for Classic Members and \$9,949 for PEPRA Members.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins

Nayes: None

Abstain: None

Absent: None

4. Dr. Joe Waidhofer Drinking Water Treatment Plant – Sodium Hypochlorite Project Monthly Update
District Engineer Evensen provided the Board with a presentation regarding the monthly update on the Sodium Hypochlorite Project. District Engineer Evensen presented pictures and videos of the construction at the chemical storage building; the forming at the front chemical delivery point, drain pipe, rebar, forming, corner footing, forming for the stem wall, concrete pour and pulling forms are now complete. District Engineer Evensen reported the project is 15% complete. This item was for information only.

5. Dr. Joe Waidhofer Drinking Water Treatment Plant – Administration Building Septic System Memo, 07/12/22
Interim Manager Hopkins provided the Board with a memo regarding the Administration Building Septic System. Interim Manager Hopkins reported the wastewater flows from the Administration Building are on a flat slope to catch an existing manhole that was part of the original Water Treatment Plant project, and then the wastewater flows downhill to the maintenance buildings where there is an existing septic tank and leach field. Interim Manager Hopkins reported that the flat sloped sewer line causes the Administration Building to have problems with the line clogging easily; Maintenance Staff flushes the line weekly to prevent problems. District Engineer Evensen reported District Staff solicited quotes from three septic tank and leach field contractors; JS Construction & Septic Inc. provided the lowest quote of \$12,847 which includes installation of a 1,200-gallon precast septic tank, two 40' leach lines, four seepage pits, saw cutting concrete and procurement of San Joaquin County Environment Permit. District Engineer Evensen recommended the Board authorize the Interim General Manager to execute a contract with JS Construction & Septic Inc. to install a septic tank and construct a leach field system for the Administration Building for \$12,847, plus a 10% contingency of \$1,285, for a total approved construction of \$14,132.

Director McGurk inquired why the contract quotes varied significantly in price. District Engineer Evensen replied Richards Pumping quoted a larger septic tank.

Director Sanguinetti inquired if the landscaping will be replaced or thrown out. Interim Manager Hopkins replied the grass will be removed to install the leachfield line; Staff has seed on hand to revive the grass. District Engineer Evensen reported that some bushes were already removed for the 8-inch waterline to be installed and likely will not be replaced. Discussion followed regarding the details of the Administration Building Septic System.

A motion was moved and seconded to approve the recommendation from staff; and authorize the Interim General Manager to execute a contact with JS Construction & Septic Inc. to install a septic tank and construction a leach field system for the Administration Building in the amount of \$12,847, plus a 10% contingency for a total amount of \$14,132, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins

Nays: None

Abstain: None

Absent: None

6. Statement of Consistency Pursuant to Execute Order N-7-22 and Findings of Fact Stockton East Water District Groundwater Sustainability Agency Statement of Consistency Pursuant to Executive Order N-7-22 – Well Permit Application for 7172 Arata Road, Stockton, CA 95215

Interim Manager Hopkins provided the Board with the Statement of Consistency Pursuant to Execute Order N-7-22 and Findings of Fact Stockton East Water District Groundwater Sustainability Agency Statement of Consistency Pursuant to Executive Order N-7-22 – Well Permit Application for 7172 Arata Road, Stockton, CA 95215. Interim Manager Hopkins reported the District received a new well application for a property that does not currently have a well; the pump info was not disclosed and is not available. Interim Manager Hopkins requested Board consideration to approve the Well Permit Application for 7172 Arata Road, Stockton, CA 95215 and to determine if the well coincides with the District's Groundwater Sustainability Plan and SGMA.

Director Cortopassi commented the map does not show the details however the property was split into two parcels and the new well is being installed in the new parcel. Discussion followed regarding the property at 7172 Arata Road, Stockton, CA 95215.

Member of the Public, Mary Elizabeth expressed her concern that the San Joaquin County New Well Information form was not complete; Mary Elizabeth commented the information should be available pursuant to the regulations of a critically overdraft basin. President Watkins replied the District does not author the form or require the information to be submitted; President Watkins directed Mary Elizabeth to share her concerns with the San Joaquin County Environmental Health Department.

A motion was moved and seconded to approve the Statement of Consistency Pursuant to Execute Order N-7-22 and Findings of Fact Stockton East Water District Groundwater Sustainability Agency Statement of Consistency Pursuant to Executive Order N-7-22 – Well Permit Application for 7172 Arata Road, Stockton, CA 95215, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Watkins

Nays: Panizza

Abstain: None

Absent: Sanguinetti

7. City of Stockton Water Right Application (A30531B) – Permit To Appropriate Water from the San Joaquin River, 07/05/22

Interim Manager Hopkins provided the Board with a Notice of Transmittal of Proposed Order provided by the State Water Resources Control Board regarding City of Stockton’s San Joaquin River Water-Right Application (A30531B). Interim Manager Hopkins reported the City of Stockton’s San Joaquin River Water Right is being recommended for cancellation by the State Water Resources Control Board (SWRCB) Administrative Hearings Office; the Administrative Hearings Office is bringing the proposed order for consideration at the SWRCB Board Meeting on August 16, 2022. Interim Manager Hopkins added written requests to support the City of Stockton are due by August 4, 2022.

President Watkins requested Staff bring the item back for discussion at a later date.

8. Resolution No. 22-23-06 – Resolution in Support of Ensuring the Health and Sustainability of the Sacramento-San Joaquin Delta

Interim Manager Hopkins provided the Board with Resolution No. 22-23-06 – Resolution in Support of Ensuring the Health and Sustainability of the Sacramento-San Joaquin Delta.

President Watkins stated he did not agree with all of the findings presented in Resolution No. 22-23-06. Discussion followed regarding the Delta Tunnel Project and impact on the District.

President Watkins requested Staff bring the item back for discussion at a later date.

E. COMMITTEE REPORTS

1. Eastern Water Alliance – Demonstration Recharge Extraction and Aquifer Management (DREAM) Project Tour, 07/06/22

Directors McGurk, Watkins and Interim Manager Hopkins attended the July 6, 2022 Eastern Water Alliance – Demonstration Recharge Extraction and Aquifer Management (DREAM) Project Tour.

Director McGurk reported the Tour was well attended and the Demonstration Recharge Extraction and Aquifer Management (DREAM) Project is funded and designed to perform for the growers supporting the project. Director McGurk reported the growers that were not interested in the project at its inception are now trying to become part of it. Director McGurk reported the project is underway; East Bay Municipal Utilities Department is a cooperative and collaborative partner in the project. Interim Manager Hopkins reported he was surprised they received landowner participation since the landowners only receive water fifty percent of the time with landowners investing as much \$200,000. Interim Manager Hopkins added North San Joaquin Water Conservation District funding plan for surface water installation as a 1/3 cost share for landowners; the cost would be shared between the landowner/customer, USDA/CDFR and North San Joaquin Water Conservation District. Discussion followed regarding the locations/facilities toured and the details of the project at those locations/facilities. President Watkins reported the state of art facility is located at Eight Mile Road and Hildreth Avenue and the extraction well located at Pixley Slough. This item was for information only.

2. ACWA Special State Legislative Committee Meeting, 07/06/22

Interim Manager Hopkins attended the July 6, 2022 ACWA Special State Legislative Committee Meeting. Interim Manager Hopkins reported the only bill discussed was Senate Bill 222 Water Affordability Assistance Program; this program would subsidize water rates for low income customers. Interim Manager Hopkins reported Senate Bill 222 funding would be approved annually by legislature with the State Water Board awarding the assistance. Interim Manager Hopkins reported the Committee has taken an oppose unless amended position. Interim Manager Hopkins added ACWA is looking for agencies to form a Coalition to oppose Senate Bill 222; Interim Manager Hopkins Board Meeting – 07/12/22

inquired with the Board if District is interested in taking an oppose unless amended position on the Coalition letter. Director McGurk replied Senate Bill 222 is outside the District's scope of interest. The next meeting is scheduled for August 5, 2022.

3. San Joaquin County & Delta Water Quality Coalition Meeting, 07/11/22
Director Atkins attended the July 11, 2022 San Joaquin County & Delta Water Quality Coalition Meeting. Director Atkins reported discussion regarding CV Salts Budget of \$65,000 increasing for next year and the State Water Resources Control Board fee increasing for next year as well. Director Atkins reported membership late notices are currently being distributed. Director Atkins reported discussion during the Program Manager's Report regarding a few hits of pyrethroids at French Camp and Temple Creek; the testing regulations have changed causing more frequent hits. Director Atkins reported discussion regarding algae toxicity at Woodbridge; diuron herbicide for grass could be the cause of the algae toxicity. Director McGurk inquired about French Camp findings. Director Atkins replied the hits have been present lately because they are lumping all the pyrethroids together which reads as a higher level causing more frequent hits. The next meeting is scheduled for August 8, 2022.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 07/11/22
Interim Manager Hopkins provided a handout of the Water Supply Report for information only that included storage, release, and production data collected from various sources as of midnight last night.

There is 98,316 AF in storage at New Hogan Reservoir. Current releases are set at 252 cfs. Current release at Goodwin Dam to Stanislaus River are set at 306 cfs and release to all water users are set at 0 cfs. There are 19 irrigators on New Hogan, 0 irrigators on New Melones, and 0 irrigators out of District. The water treatment plant is currently processing 50 mgd. The City of Stockton is currently processing 13 mgd. Interim Manager Hopkins reported the District Wells total water extraction is 6,606 gpm (~9.5 mgd).

Director McGaughey inquired why South Stockton and North Stockton are reported separately. Interim Manager Hopkins replied they are reported separately because the water is being delivered to separate facilities.

2. Information Items:
Interim Manager Hopkins noted item: F2a-1, F2a-2 and F2a-3.
3. Report on General Manager Activities
 - a. Stockton Area Water Suppliers (SAWS) Meeting, 07/08/22
Interim Manager Hopkins attended the July 8, 2022 Stockton Area Water Suppliers (SAWS) Meeting. Interim Manager Hopkins reported discussion regarding the County's interest in distributing a regional message about water supply in order to meeting the demands in the County for both Agriculture and Urban water users. Interim Manager Hopkins reported the County also plans to collaborate with South San Joaquin Irrigation District and other east side agencies in order to promote the regional message. Interim Manager Hopkins stated he reported an update on the District's water supplies. The next meeting is scheduled for August 12, 2022.
 - b. Stockton East Water District Activities Update
Interim Manager Hopkin reported District Staff met to discuss the possible location for the new extraction well approved by the Board at the July 5, 2022 Regular Board Meeting. Interim Manager Hopkins reported District Staff designated the ideal location for the extraction well to be between the new recharge basin and the solar field; due to the proximity of existing infrastructure for

connecting the well discharge as well as overhead electric, PG&E has a requirement of only two accounts per APN. Interim Manager Hopkins reported the parcel with the majority of the recharge basin already has two accounts. Interim Manager Hopkins added the proposed location for the extraction well is a small parcel created with the solar field project and does not currently have any accounts. President Watkins inquired if the parcel requires an easement. Legal Counsel Zolezzi replied no, an easement cannot be given on a property the District owns. Discussion followed regarding District parcels. This item was for information only.

Interim Manager Hopkins reported the Potter Creek Pump Station and East Reservoirs leaks have been fixed and are no longer leaking. This item was for information only.

Interim Manager Hopkins reported a new member of Staff; Kent Norman, Associate Engineer. This item was for information only.

Interim Manager Hopkins reported he had a meeting with a State Water Resources Control Board representative to discuss their inquiries with our landowners about inspecting their diversions under their water right; SWRCB came out to fact check the information given and hopefully the Water Rights Division site visits will exclude visits to our customers in our service area. Director Cortopassi inquired about Norman's Nursery and if they have a well or pipeline. President Watkins replied Norman's Nursery and The Wine Group pump surface water. This item is for information only.

G. DIRECTOR REPORTS

1. San Joaquin Farm Bureau Federation – 108th Annual Meeting, 07/07/22
Directors McGurk, Watkins and Interim Manager Hopkins attended the July 7, 2022 San Joaquin Farm Bureau Federation – 108th Annual Meeting. President Watkins reported there were ~170 attendees at the event. President Watkins reported it was a nice event to introduce new officers and distribute scholarships. President Watkins reported the Scholarship Foundation was created from leftover funds from an Amnesty Grant; ~\$157,000 formed the San Joaquin Farm Bureau Federation Scholarship Foundation with the purpose of Agricultural Education. This item was for information only.

H. COMMUNICATIONS (None)

I. AGENDA PLANNING/UPCOMING EVENTS

1. Eastern San Joaquin Groundwater Authority Steering Committee Meeting, 8:30 a.m., 07/13/22
2. Eastern San Joaquin Groundwater Authority Board of Directors Meeting, 10:30 a.m., 07/13/22
3. Stockton East Water District Special Board Meeting – Calaveras River System Luncheon, 12:55 p.m., 07/15/22
4. Central Valley Project Water Association – Executive & Financial Affairs Committee, 10:00 a.m., 07/15/22
5. Stockton East Water District Special Board Meeting, 10:00 a.m., 07/18/22

J. REPORT OF THE COUNSEL

1. Closed Session: REAL PROPERTY – GOVERNMENT CODE
SECTION 54956.9 – Property: Water Rights
Agency Negotiator: Justin M. Hopkins
Board Meeting – 07/12/22
Draft

Negotiating Parties: Oakdale Irrigation District/South San Joaquin Irrigation District
Under Negotiation: Water Transfer

2. Closed Session: REAL PROPERTY – GOVERNMENT CODE
SECTION 54956.9 – Property: Water Rights
Agency Negotiator: Justin M. Hopkins
Negotiating Parties: Rock Creek Water District
Under Negotiation: Water Transfer

3. Closed Session - Potential Litigation
Government Code 54956.9 (c) – one case

President Watkins adjourned the meeting to closed session at 1:37 p.m. to discuss closed session agenda items. The regular meeting reconvened at 1:54 p.m., with no reportable action.

K. ADJOURNMENT

President Watkins adjourned the meeting at 1:55 p.m.

Respectfully submitted,

Justin M. Hopkins
Secretary of the Board

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		AGRICULTURAL FUND 67		
1 Oakdale Irrigation District	10-5211-0	309 AF water transfer @\$125 per AF-AG	38,625.00	Jun2022 Water Transfer
2 South San Joaquin Irrigation District	10-5211-0	309 AF water transfer @\$125 per AF-AG	38,625.00	Jun2022 Water Transfer
		AGRICULTURAL FUND 67 TOTAL	\$77,250.00	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		ADMIN FUND 70		
3 Action Asap Delivery Service	10-5126-0	June 2022 courier services	680.00	91200
4 ACWA Joint Powers Insurance Authority	10-5128-0	Property insurance for SEWD 07/01/22-06/30/23	90,977.87	0008739
5 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Sales/Meter	791.26	04/01/22-06/30/22
6 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Directors	659.22	04/01/22-06/30/22
7 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Clerical	685.81	04/01/22-06/30/22
8 ACWA/JPIA (Health Benefits)	10-5047-0	Aug 2022 medical, dental, vision, & life insurance-Admin	10,095.06	0689302
9 ACWA/JPIA (Health Benefits)	10-5062-0	Aug 2022 medical, dental, vision, & life insurance-DIR	9,776.68	0689302
10 ACWA/JPIA (Health Benefits)	10-5050-0	Aug 2022 medical, dental, vision, & life insurance-RET Admin	3,025.73	0689302
11 ADT Security Services	10-5141-0	07/18/22-08/17/22 Alarm monitoring services for Admin Bldg	46.96	929945373
12 American West Communications, L.P.	10-5141-0	Aug 2022 Gopher Ridge tower rental for the WS maintenance	597.01	Aug 2022
13 AT&T Messaging	10-5141-0	July 2022 Ag call-in voicemail services	14.84	0867760706
14 Cerida Investment Corp.	10-5141-0	Answering service from 07/05/22-08/01/22	83.00	112-82901
15 Dameron Medical Group Inc.	10-5102-0	Pre-employment exam & DOT exam for WS/Post exam 06/17/22	1,280.00	4234K8236/4367K8236
16 De Lage Landen Financial Services, Inc.	10-5124-0	07/15/22-08/21/22 SEWD printers lease (6)	1,415.57	76857345/76851662

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		ADMIN FUND 70		
17 FedEx	10-5126-0	Shipping charges for 05/16/22	29.19	7-762-81302
18 Frontier Communications	10-5141-0	Linden Tel Directory listing for 07/07/22-08/06/22	14.57	530-1961403-08/01/22
19 Kristin V. Coon	10-5131-0	Water Conservation Educ. August 2022	15,583.32	2022-08
20 Quill Corporation	10-5125-0	Office supplies ordered on 06/02/22-06/29/22	297.12	26078413/6507/7671
21 San Joaquin County Ag Commissioner	10-5133-0	Sponsorship with the 2022 SJC AgVenture Program	1,000.00	2022 AgVenture
22 San Joaquin County Farm Bureau Federation	10-5103-0	108th Annual meeting	80.00	44747/44748
23 Secretary of State	10-5105-0	Registry of public agencies update	6.00	Form SF-405
24 Sierra Safety Training Inc	10-5101-0	Confined space rescue training on 07/11/22 & 07/12/22	3,495.00	2091
25 Smart & Final	10-5125-0	Board rooms supplies ordered on 06/10/22	311.64	4031310010302
26 Standard Insurance Co.	10-5047-0	August 2022 long term insurance-Admin	322.51	Aug-22
27 The Office City	10-5125-0	Office supplies ordered on 06/16/22	52.79	IN-1750098
28 The Record	10-5133-0	Notice of public hearing on 07/08/22	107.73	Order 278551
29 Verizon Wireless Multi-line account	10-5141-0	Wireless charges from 05/26/22-06/25/22	1,871.86	9909706479
30 Wagner & Bonsignore	10-5176-0	June 2022 Prof. services New Hogan Water Rights	315.00	07-22-537
31 Wagner & Bonsignore	10-5176-0	Professional General services 06/13/22-06/17/22	157.50	7-22-536
		ADMIN FUND 70 TOTAL	\$143,773.24	

P.R.

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		WATER SUPPLY FUND 71		
32 ACWA/JPIA (Health Benefits)	10-5047-0	Aug 2022 medical, dental, vision, & life insurance-NM	20,282.77	0689302
33 ACWA/JPIA (Health Benefits)	10-5050-0	Aug 2022 medical, dental, vision, & life insurance-RET WS	5,729.03	0689302
34 ACWA/JPIA (Health Benefits)	10-5056-0	Aug 2022 medical, dental, vision, & life insurance-NH	9,693.76	0689302
35 ACWA Joint Powers Insurance Authority	10-5057-0	2nd Qtr 2022 worker's compensation insurance-EMP-Irrigation	4,631.16	04/01/22-06/30/22
36 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Irrigation	10,250.42	04/01/22-06/30/22
37 HDS White Cap Construction Supply	10-5202-0	Fasteners for maintenance on Main St. Dam-Mormon Slough	43.05	10016342457
38 Holt of CA	10-5213-0	Long reach excavator Caterpillar 330 SLR	335,728.31	ES0036403010
39 J. Milano Company, Inc.	10-5202-0	Metal for Cat Walk around Bellota trash rack	315.01	526125
40 J. Milano Company, Inc.	10-5202-0	Hinges for maintenance on 8000 gpm pump on Potter Creek	7.90	527491
41 Pace Supply Corp.	10-5213-0	2.5 Foot valve for trash rack	323.34	057742390
42 PG&E 0530302291-6	10-5213-0	Electricity charges- Birdcage trash rack 06/01/22-06/29/22	194.21	05303022916-06/30/22
43 PG&E 6722855250-0	10-5202-0	Electricity 05/25/22-06/23/22 Mosher Slough Headworks	17.65	67228552500-06/24/22
44 Standard Insurance Co.	10-5056-0	Aug 2022 long term insurance-NH	138.29	Aug-22
45 Standard Insurance Co.	10-5047-0	Aug 2022 long term insuranceNM	280.55	Aug-22
46 UniFirst Corporation	10-5213-0	Weekly laundry service 07/07/22	63.20	370 1406837
47 Wille Electric Supply Co, Inc.	10-5202-0	Wire, conduit, fittings, fuses-electrical repair on 8000gpm pump	3,777.68	S2092372.001/S2092505.001
		WATER SUPPLY FUND 71 TOTAL	\$391,476.33	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		FISH SCREEN IMPROVEMENT FUND 89		
48 Kjeldsen, Sinnock & Neudeck Inc.	10-5180-0	Prof Services for the Fish Screen Improvement Proj May 2022	82,423.96	33034
		FISH SCREEN IMPROVEMENT FUND 89 TOTAL	\$82,423.96	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		VEHICLE FUND 91		
49 Autozone Stores Inc.	10-5182-0	Shocks, brakes, rotors, ignition wire set, spark plugs, seal-Unit 47	629.04	4036921384
50 Grainger, Inc.	10-5182-0	Mobile grease	168.09	9346614341
51 HDS White Cap Construction Supply	10-5343-0	Step ladder for Unit 56	307.81	10016363226
52 Holt of CA	10-5182-0	Hydraulic oil to service Unit 73	143.45	PS001102599
53 J. Milano Company, Inc.	10-5182-0	Fittings & parts to replace fuel pump hose on Unit 48	526.56	525168
54 J. Milano Company, Inc.	10-5182-0	Jumper cables	272.48	527606
55 Motive Energy, LLC/ Battery Bill, Inc.	10-5182-0	Batteries for Unit 29	277.81	74561
		VEHICLE FUND 91 TOTAL	\$2,325.24	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
56 7-11 Material Inc	10-5329-0	Concrete for Sludge Vault on Solids Handling Lagoon prj 2309	910.49	410092854
57 ACWA/JPIA (Health Benefits)	10-5047-0	Aug 2022 medical, dental, vision, & life insurance-M&I	54,551.03	0689302
58 ACWA/JPIA (Health Benefits)	10-5050-0	Aug 2022 medical, dental, vision, & life insurance-RET M&I	5,421.23	0689302
59 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-AWP	735.30	04/01/22-06/30/22
60 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Waterworks	15,671.24	04/01/22-06/30/22
61 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Sales/Meter	560.00	04/01/22-06/30/22
62 ACWA Joint Powers Insurance Authority	10-5048-0	2nd Qtr 2022 worker's compensation insurance-EMP-Clerical	195.84	04/01/22-06/30/22
63 Air & Lube Systems Inc.	10-5326-0	Inspect & relocate vehicle lift to storage 1 for safety & accessibility	4,258.12	30023
64 Alameda Electrical Distributors	10-5321-0	Overload relay for exhaust fans on High Service	262.81	S5342395.001
65 Alameda Electrical Distributors	10-5321-0	LED lamps for lighting on SED basins	103.66	S5348882.001
66 Carollo Engineers, Inc	10-5323-0	Prof. services through 06/30/22-Sodium Hypochlorite prj 2303	39,425.13	FB24911-3
67 Carollo Engineers, Inc	10-5323-0	Prof. services through 05/31/22-Sodium Hypochlorite prj 2303	24,040.20	FB24447-2
68 Charlie's Day & Nite, Inc.	10-5344-0	Keys for camera system cabinets	10.63	493968
69 F.T.G. Construction Materials Inc.	10-5321-0	Fill dirt for East Reservoir repair	2,045.85	0134220

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
70 Fastenal Company	10-5341-0	Earplug stations refill for High Service	129.83	CASTC157171
71 FGL Environmental	10-5308-0	Inorganic & organic analysis-wet chemistry, EPA & TOC	264.00	238323A
72 FGL Environmental	10-5308-0	Coliform bacti monitoring sampled on 06/09/22-06/17/22	438.00	238631A/275/139/182/673
73 FGL Environmental	10-5308-0	Inorganic analysis-wet chemistry-perchlorate	88.00	238322A
74 FGL Environmental	10-5308-0	Inorganic analysis-Metals, Total-Fe	19.00	238749A
75 General Air Compressors North	10-5326-0	Air compressor pipe & fittings for maintenance shop improvements	1,850.11	33521
76 Grainger, Inc.	10-5344-0	Treatment plant consumables on 06/09/22-06/16/22	1,117.08	057/330/326/055/358/058
77 Grainger, Inc.	10-5343-0	Heavy duty dolly cart / Long tape measure	280.12	9348928079/9345065628
78 Grainger, Inc.	10-5321-0	Castor kit & air duct for portable AC unit in High Service	434.43	9348833790/1041/1033
79 Grainger, Inc.	10-5326-0	Bins for maintenance shop improvements	132.50	9351389938
80 Grainger, Inc.	10-5341-0	Protective gear-Ear plugs	117.01	9338965628
81 Grainger, Inc.	10-5321-0	Exhaust flanges & trim rings for High Service ventilation & HVAC	148.30	9341961184/9342272490
82 HDS White Cap Construction Supply	10-5344-0	Wood stakes for USA markings	144.94	10016356373
83 HDS White Cap Construction Supply	10-5329-0	Concrete cure for Sludge Vault on Solids Handling Lagoon prj 2309	87.19	10016292369
84 Horizon	10-5324-0	Hose & fittings for TP irrigation system	287.40	2B189248
85 JSP Communication & Engineering, Inc	10-5323-0	Prof services for WT plant power study thru 03/30/22 prj 2216	66,005.01	220330-SEWD
86 JSP Communication & Engineering, Inc	10-5323-0	Prof services for MCC-2 rehabilitation thru 02/14/22 prj 2209	25,035.00	220216-SEWD
87 Knife River Construction/Concrete Inc.	10-5321-0	Concrete for levee repair on East Reservoir	14,061.40	365031
88 National Concrete Cutting Co.	10-5323-0	Core drill for ATS switch board A on SEWD Power Quality Improv.	740.00	42056
89 National Concrete Cutting Co.	10-5326-0	Concrete cutting for maintenance shop improvements	425.00	42055
90 Oakdale Irrigation District	10-5211-0	424 AF water transfer @\$225 per AF-M&I	95,400.00	Jun2022 Water Transfer

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
JULY 19, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
91 PG&E 0908023195-5	10-5302-0	Electricity 05/20/22-06/20/22 WTP East Side Feeder	14,001.79	09080231955-06/28/22
92 PG&E 2544904013-5	10-5302-0	Electricity 05/20/22-06/20/22 TP HS @6749 E Main	154,282.97	25449040135-06/28/22
93 Platt Electric Supply Inc.	10-5326-0	Electrical receptacle, fittings, boxes for maint shop improvements	749.38	2W57517/5216/6529
94 South San Joaquin Irrigation District	10-5211-0	424 AF water transfer @\$225 per AF-M&I	95,400.00	Jun2022 Water Transfer
95 Standard Insurance Co.	10-5047-0	July 2022 long term insurance-M&I	1,310.63	Aug-22
96 Stockton Scavengers/Waste Management Corp	10-5304-0	July 2022 garbage service @6767 East Main St	812.53	0056251-0051-5
97 Stockton Scavengers/Waste Management Corp	10-5324-0	20 yard bin and dump fees for period 06/01/22-06/30/22	612.34	0055197-0051-1
98 Stockton Windustrial Co.	10-5321-0	Pipe fittings for maintenance on extraction wells	50.42	348425 01
99 SunE Solar Mission III LLC	10-5302-0	Energy produced on high & low side solar panels May 2022	42,349.06	PPA_10272-041/10303-041
100 Terracon Consultants, Inc	10-5323-0	Material test services-Sodium Hypochlorite prj 2303 06/25/22	1,542.00	TG97830
101 Terracon Consultants, Inc	10-5323-0	Special inspection services-Sodium Hypochlorite prj 2303 06/11/22	1,306.00	TG88737
102 The Bilco Company	10-5329-0	Ladder safety post for Sludge Vault on solids handling prj 2309	474.48	125272
103 The Home Depot	10-5329-0	Lumber for concrete pouring of Sludge Vault on prj 2309	365.77	4010032
104 TNT Industrial Contractors Inc.	10-5323-0	Labor & materials-Sodium Hypochlorite Construction June 2022	296,115.00	13882
105 UniFirst Corporation	10-5342-0	Weekly laundry service 07/07/22	179.86	370 1406837
106 Univar USA Inc.	10-5301-0	Caustic soda delivered on 06/24/22 & 06/27/22	9,834.33	50358124/50363001
107 USA Blue Book	10-5307-0	Sample vials for TU5200 Benchtop Laser Turbidimeter	402.93	022835
108 USA Blue Book	10-5307-0	Sodium chloride for lab	50.69	997077
109 Wille Electric Supply Co, Inc.	10-5321-0	Breaker, plug, & supplies-Provide electricity to HVAC in High Service	2,098.24	S2091415.001/S2091261.001
110 Wille Electric Supply Co, Inc.	10-5326-0	Wire & electrical supplies for maintenance shop improvements	1,710.50	S2091014.001/1861/1841
		MUNICIPAL & INDUSTRIAL FUND 94 TOTAL	\$979,044.77	

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**STOCKTON EAST WATER DISTRICT
INVOICES AND PAYROLL FOR BOARD PACKAGE
JULY 19, 2022**

Fund Number	Fund Summary	AP Amount
Fund 67	Agricultural Fund	77,250.00
Fund 70	Administration Fund	143,773.24
Fund 71	Water Supply Fund	391,476.33
Fund 89	Fish Screen Improvement Fund	82,423.96
Fund 91	Vehicle Fund	2,325.24
Fund 94	Municipal & Industrial Fund	979,044.77
	TOTAL FUND SUMMARY	\$1,676,293.54

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Short Names/Acronym List

ACH	Aluminum Chlorohydrate
ACWA	Association of California Water Agencies
Admin	Administration
Ads	Advertisement
AF	Acre Feet
AG	Agriculture
AR	Accounts Receivable
AWP	Alternative Work Program
CEQA	California Environmental Quality Act
Chgs	Charges
CM	Construction Management
COP	Certificate of Participation
CSDA	California Special District Authority
CSJWCD	Central San Joaquin Water Conservation District
CVPWA	Central Valley Project Water Association
CWS	California Water Services Company
DB	Distribution Box
DBCP	Dibromochloropropane
DDTS	Direct Distance Telephone Service
DL	Direct Line
EDB	Ethylene Dibromide
Educ	Education
ESA	Endangered Species Act
FCC	Federal Communications Commission
FCCU	Financial Center Credit Union
FOIA	Freedom of Information Act
FWPS	Finished Water Pump Station
GM	General Manager
HCP	Habitat Conservation Plan
HP	Hewlett Packard
HVAC	Heating, Ventilating Airconditioning
LD	Long Distance
LFC	Lower Farmington Canal
LT2	Long Term 2 -Enhanced Surface Water Treatment Rule
M&O	Maintenance & Operations
MCC	Master Control Center
MIB	Methylisoborneol
Misc.	Miscellaneous
mtg	Meeting
NH-	New Hogan
NM	New Melones
NH3-N	Ammonia
NMCF	New Melones Conveyance Facility
NWRP	New Water Reservoir Project
OBA	Oxygen Breathing Apparatus
PACL	Poly Aluminum Chloride
PM	Preventive Maintenance
Prof	Professional
PSM	Process Safety Management
PVC	Polyvinyl Chloride
RMP	Risk Management Plan
SCADA	Supervisory Control And Data Acquisition
SCBA	Self Contained Breathing Apparatus
SEWD	Stockton East Water District
SWRCB	State Water Resources Control Board
St	Street
T5	Water Treatment Operator Certificate Grade 5
Tel	Telephone
THM	Trihalomethane
TO	Task Order
TP	Treatment Plant
UFC	Upper Farmington Canal
UPS	Uninterrupted Power Supply
VAMP	Vernalis Adaptive Management Plan
VFD	Variable Frequency Drive
WMP	Water Management Plan
WQMS	Water Quality Monitoring System
WS	Water Supply
WSEP	Water Supply Enhancement Project
WTP	Water Treatment Plant

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Vehicles	
Unit 36 2004 Chevy Pickup 2500hd Silverado	Pickup Truck
Unit 37-2004 Jeep Grand Cherokee Laredo	Automobile
Unit 47 2008 Chevy Pickup Silverado 2500 4x4	Pickup Truck
Unit 49 2009 Ford Edge AWD - Ltd	Automobile
Unit 55 2010 Ford F150 Pickup	Pickup Truck
Unit 57 2011 Ford F150 Pickup Long Bed	Pickup Truck
Unit 64 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 65 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 66 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 67 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 69 2015 Ford F150 4x4 Supercrew Pickup	Pickup Truck
Unit 76 2020 Ford Escape	Automobile
Light equipment	
Genie GS 1930 Scissor Lift	Lift
Unit 70 2016 Cat Forklift	Forklift
Unit 58 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 59 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 60 2014 Polaris Ranger EV- Operations	Utility Vehicle
Unit 61 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 62 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 63 2014 Polaris Ranger EV- Operations	Utility Vehicle
Heavy equipment	
Mower-walker	Tractor
Unit 16 2003 Ford 450 -- diesel	Heavy Truck
Unit 26 1990 International Dump Truck	Heavy Truck
Unit 29 Caterpillar Backhoe	Heavy Equip.
Unit 31 1998 Freightliner Boom Truck 15 ton	Heavy Truck
Unit 38 John Deere 6420 Tractor	Tractor
Unit 41 Case Tractor 570mxt Turbo	Tractor
Unit 45 2008 Ford F650 Flatbed Truck (diesel)	Heavy Truck
Unit 48 2008 Chevy Kodiak C4500 (diesel)	Heavy Truck
Unit 52 Kubota Tractor	Tractor
Unit 53 2011 Kenworth T300 Dump Truck (dsl)	Heavy Truck
Unit 56 2010 Ford F450 Truck	Heavy Truck
Unit 73 2018 Caterpillar Backhoe	Heavy Equip.
Unit 74 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 75 2019 Ford F250 S-Duty 4wd	Pickup Truck
Accessories	
Dive Boat	Accessory
Boat Trailer	Trailer
Allis-Chalmers Disc	Accessory
Pak Flail Mower (orange)	Accessory
Alamo Articulate Mower Attachment	Accessory
Landpride RCR2596 Rotary Mower	Accessory
Unit 30 Big Tex Equipment Trailer /25,900gvwr	Trailer
Unit 34 2000 Cartaway Tank Trailer /6000gvw	Trailer
Unit 43 2007 Wells Cargo Trailer Model TW122	Trailer
Unit 44 1996 Genie Lift TZ-34/20 Knuckleboom	Trailer
Unit 50 6 Diesel Pump	Trailer
Unit 51 12 Diesel Pump	Trailer
Unit 68 2015 Welding Trailer	Trailer
Unit 71 2017 Utility Landscaping Trailer	Trailer
Unit 72 2002 Utility Trailer	Trailer

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Legals

Legal Notices

Legal Notices

**NOTICE OF PUBLIC HEARING
BEFORE THE BOARD OF DIRECTORS OF THE
STOCKTON EAST WATER DISTRICT**

The Board of Directors of the Stockton East Water District will hold a public hearing on Tuesday, July 19, 2022 at 12:30 p.m., to consider adoption of the Amended Eastern San Joaquin Groundwater Sustainability Plan, in accordance with Water Code Section 10725.2(c).

Said hearing will be held in the District Office at 6767 East Main Street, Stockton, California.

Justin M. Hopkins, Interim General Manager
Stockton East Water District

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RESOLUTION NO. 22-23-06

**RESOLUTION OF THE BOARD OF DIRECTORS
OF STOCKTON EAST WATER DISTRICT**

**ADOPTING THE AMENDED GROUNDWATER SUSTAINABILITY PLAN
AND TECHNICAL MEMORANDUMS AND DIRECT THE EASTERN SAN
JOAQUIN GROUNDWATER AUTHORITY TO SUBMIT THE PLAN TO THE
CALIFORNIA DEPARTMENT OF WATER RESOURCES ON BEHALF OF THE
MEMBER AGENCIES**

WHEREAS, the Eastern San Joaquin Groundwater Authority ("Authority") is a Joint Powers Authority created pursuant to California statute, and which is a public entity separate and apart from the Members, and which consists of 16 Groundwater Sustainability Agencies (GSAs); and

WHEREAS, the Authority was formed to provide coordination among the Members to develop and implement a Groundwater Sustainability Plan ("GSP") for the Eastern San Joaquin Subbasin ("Basin") in accordance with the Sustainable Groundwater Management Act of 2014 ("SGMA"); and

WHEREAS, Stockton East Water District was formed as a GSA on September 29, 2015 for the purposes of sustainably managing groundwater in the Eastern San Joaquin Subbasin, within its jurisdictional boundaries, pursuant to the requirements of SGMA; and

WHEREAS, the Authority coordinated among the Members the development of the GSP covering the entire Basin and submitted the GSP to California Department of Water Resources (DWR) in January 2020; and

WHEREAS, The GSP, originally adopted by the GSA members of the Authority, was submitted to the Department of Water Resources ("DWR") on January 29, 2020 in compliance with SGMA; and

WHEREAS, DWR completed its two-year review and by letter dated January 28, 2022, determined the GSP to be incomplete, and identified corrective actions that must be completed within 180 days of this determination and submitted to DWR by July 27, 2022; and

WHEREAS, the staff and consulting team prepared a series of Technical Memorandums addressing the deficiencies and corrective actions and provided the basis for preparing a redline and strikeout revision to the GSP; all of which have been reviewed by the Ad Hoc Technical Advisory Committee and Ad Hoc Legal & Policy Committee over a series of meetings between November 2021 and July 2022; and

WHEREAS, on April 15, 2022, on behalf of the GSAs, the Authority noticed the intent to adopt an amended GSP pursuant to California Water Code Section 10728.4, noting each of the GSAs intent to hold separate, duly noticed public hearings to consider adoption of the amended GSP after July 15, 2022, which is no earlier than ninety (90) days from the date of this notice; and

WHEREAS, the Technical Memorandum and Revised GSP are posted on the Authority website and have been discussed by the Authority at regular public meetings; and

WHEREAS, the Authority accepted the revised GSP on July 13, 2022.

NOW, THEREFORE, BE IT RESOLVED that in accordance with the provisions of SGMA, the Authority, on behalf of its Members, authorizes and directs the Authority Secretary to submit the Revised GSP to DWR on or before July 27, 2022.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors of the Stockton East Water District on the 19th day of July, 2022 by the following vote of the members thereof:

AYES:
NAYES:
ABSENT:
ABSTAIN:

DRAFT

Andrew Watkins, President
Board of Directors
Stockton East Water District

ATTEST:
DRAFT

Justin M. Hopkins, Secretary
Board of Directors
Stockton East Water District

Eastern San Joaquin Groundwater Subbasin

Groundwater Sustainability Plan: Executive Summary

Prepared by:



November 2019; Revised June 2022

Acronyms

AF	acre-feet
AF/year	acre-feet per year
Cal Water	California Water Service Company Stockton District
CASGEM	California Statewide Groundwater Elevation Monitoring
CCWD	Calaveras County Water District
CDWA	Central Delta Water Agency
CSJWCD	Central San Joaquin Water Conservation District
Delta	Sacramento-San Joaquin River Delta
DMS	data management system
DWR	Department of Water Resources
Eastside GSA	Eastside San Joaquin GSA
ESJGWA	Eastern San Joaquin Groundwater Authority
ESJGWA Board	Eastern San Joaquin Groundwater Authority Board of Directors
ESJWRM	Eastern San Joaquin Water Resources Model
GAMA	Groundwater Ambient Monitoring and Assessment
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
LCWD	Linden County Water District
LCSD	Lockeford Community Services District
<u>Letter</u>	<u>Consultation Initiation Letter</u>
MAF	million acre-feet
mg/L	milligrams per liter
NSJWCD	North San Joaquin Water Conservation District
OID	Oakdale Irrigation District
<u>PMA</u> s	<u>projects and management actions</u>
SDWA	South Delta Water Agency
SEWD	Stockton East Water District
SGMA	Sustainable Groundwater Management Act
SMCL	secondary maximum contaminant levels
SSJID	South San Joaquin Irrigation District
TDS	total dissolved solids
TSS	Technical Support Services
USGS	United States Geological Survey
WID	Woodbridge Irrigation District
Workgroup	Groundwater Sustainability Workgroup

EXECUTIVE SUMMARY

ES-1. INTRODUCTION

In 2014, the California legislature enacted the Sustainable Groundwater Management Act (SGMA) in response to continued overdraft of California's groundwater resources. The Eastern San Joaquin Groundwater Subbasin (Eastern San Joaquin Subbasin, or Subbasin) is one of 21 basins and subbasins identified by the California Department of Water Resources (DWR) as being in a state of critical overdraft. SGMA requires preparation of a Groundwater Sustainability Plan (GSP) to address measures necessary to attain sustainable conditions in the Subbasin. Within the framework of SGMA, sustainability is generally defined as long-term reliability of the groundwater supply and the absence of undesirable results.

Critical Dates for the Eastern San Joaquin Subbasin

- 2020 By January 31: Submit GSP to DWR
- 2025 Evaluate GSP and update if warranted
- 2030 Evaluate GSP and update if warranted
- 2035 Evaluate GSP and update if warranted
- 2040 Achieve sustainability for the Subbasin

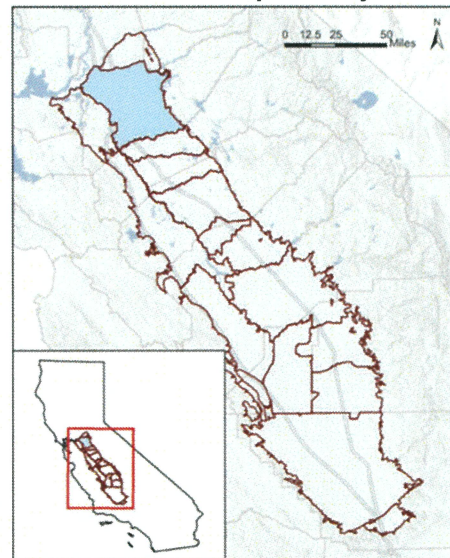
The Eastern San Joaquin Groundwater Authority (ESJGWA) was formed in 2017 in response to SGMA. A Joint Exercise of Powers Agreement establishes the ESJGWA, which is composed of 16 Groundwater Sustainability Agencies (GSAs): Central Delta Water Agency (CDWA), Central San Joaquin Water Conservation District (CSJWCD), City of Lodi, City of Manteca, City of Stockton, Eastside San Joaquin GSA (Eastside GSA) (composed of Calaveras County Water District [CCWD], Stanislaus County, and Rock Creek Water District), Linden County Water District (LCWD), Lockeford Community Services District (LCSD), North San Joaquin Water Conservation District (NSJWCD), Oakdale Irrigation District (OID), San Joaquin County No. 1, San Joaquin County No. 2 (with participation from California Water Service Company Stockton District [Cal Water]), South Delta Water Agency (SDWA), South San Joaquin GSA (composed of South San Joaquin Irrigation District [SSJID] including Woodward Reservoir, City of Ripon, and City of Escalon), Stockton East Water District (SEWD), and Woodbridge Irrigation District (WID). The ESJGWA is governed by a 16-member Board of Directors (ESJGWA Board), with one representative from each GSA. The Board is guided by an Advisory Committee, also with one representative from each GSA, that is tasked with making recommendations to the ESJGWA Board on technical and substantive matters.

SGMA requires development of a GSP that achieves groundwater sustainability in the Subbasin by 2040. The GSP outlines the need to reduce overdraft conditions and has identified 23 projects for potential development that either replace groundwater use (offset) or supplement groundwater supplies (recharge) to meet current and future water demands. Although current analysis indicates that groundwater pumping offsets and/or recharge on the order of 78,37,000 acre-feet per year (AF/year) may be required to achieve sustainability, additional efforts are needed to confirm the level of pumping offsets and/or recharge required to achieve sustainability. These efforts include collecting additional data and a review of the Subbasin groundwater model, along with other efforts as outlined in the GSP.

A Public Draft GSP was prepared and made available for public review and comment on July 10, 2019 for a period of 45 days ending on August 25, 2019. The ESJGWA received numerous comments from the public, reviewed and prepared responses to comments, and revised the Draft GSP. This Final GSP includes those edits and revisions. Comment letters and responses are included as appendices to the GSP.

[On November 18, 2021, the ESJGWA received a Consultation Initiation Letter \(Letter\) from DWR. The Letter identified two potential deficiencies in the Subbasin GSPs which may preclude DWR's approval, as well as potential corrective actions to address each potential deficiency. The Letter initiated consultation between DWR, the Plan Manager, the ESJGWA, and the Subbasin's GSAs.](#)

Figure ES-1: GSP Plan Area within the San Joaquin Valley



deficiencies and corrective actions to be addressed. In response to DWR’s comments, the GSP was revised in June 2022. DWR comments have also been addressed in a series of four technical memoranda appended to this revised GSP and referenced throughout the document.

ES-2. PLAN AREA

The ESJGWA’s jurisdictional area is defined by the boundaries of the Eastern San Joaquin Subbasin in DWR’s 2003 Bulletin 118 as updated in 2016 and 2018. The Subbasin underlies the San Joaquin Valley, as shown in Figure ES-1.

ES-3. OUTREACH EFFORTS

A stakeholder engagement strategy was developed to enable the interests of beneficial users of groundwater in the Subbasin to be considered. The strategy incorporated monthly Groundwater Sustainability Workgroup (Workgroup) meetings, monthly Advisory Committee meetings, monthly ESJGWA Board meetings, approximately quarterly informational open house events, outreach presentations to community groups, and information distribution to property owners and residents in the Subbasin. Figure ES-2 shows attendees at one of the informational open house events conducted during development of the GSP.

Figure ES-2 - Informational Open House Events



Public Meeting Type	Number of Meetings
ESJGWA Board Meetings	25
Advisory Committee Meetings	17
Groundwater Sustainability Workgroup Meetings	13
Informational Open House Events	4
Outreach Presentations to Community Groups	10

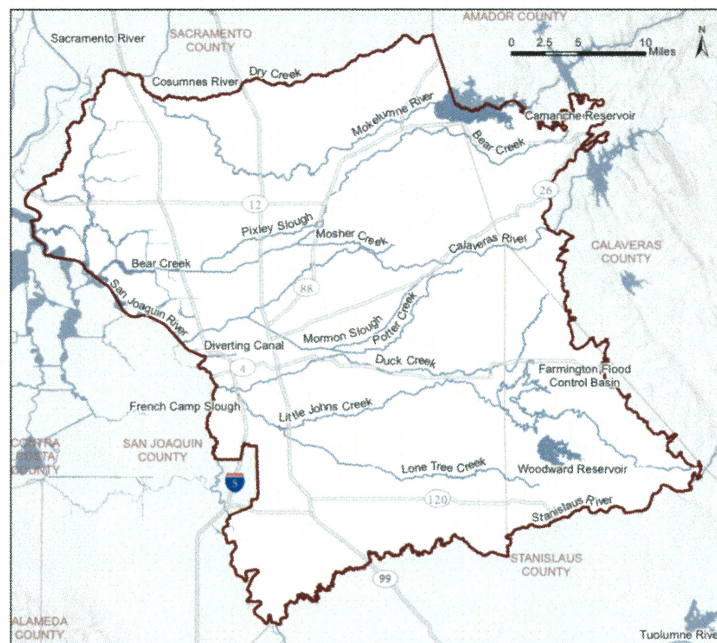
The Workgroup was established to encourage active involvement from diverse social, cultural, and economic elements of the population in the Subbasin. The 23 Workgroup members represent large and small landowners and growers from different geographic locations in the Subbasin, long-time residents, representatives from non-governmental organizations, disadvantaged community policy advocates, and outreach coordinators. Spanish

translation was provided at informational open house events, creating an opportunity for local Spanish-speaking individuals to engage in the GSP development process. Input from the Workgroup was presented to the ESJGWA Board and has also been incorporated into the GSP.

ES-4. BASIN SETTING

The Subbasin is located to the west of the Sacramento-San Joaquin River Delta (Delta) and is bounded by the Sierra Nevada foothills to the east, the San Joaquin River to the west, Dry Creek to the north, and Stanislaus River to the south. In the eastern portion of the Subbasin, groundwater flows from east to west and generally mirrors the eastward sloping topography of the geologic formations. In the western portion of the Subbasin, groundwater flows eastward toward areas with relatively lower groundwater elevation. Surface water generally flows from east to west, with the major river systems traversing the Subbasin being the Calaveras, Mokelumne, and Stanislaus rivers. Multiple smaller streams flow into the San Joaquin River, which flows from south to north. The location of the Subbasin is shown in Figure ES-3.

Figure ES-3: Basin Setting

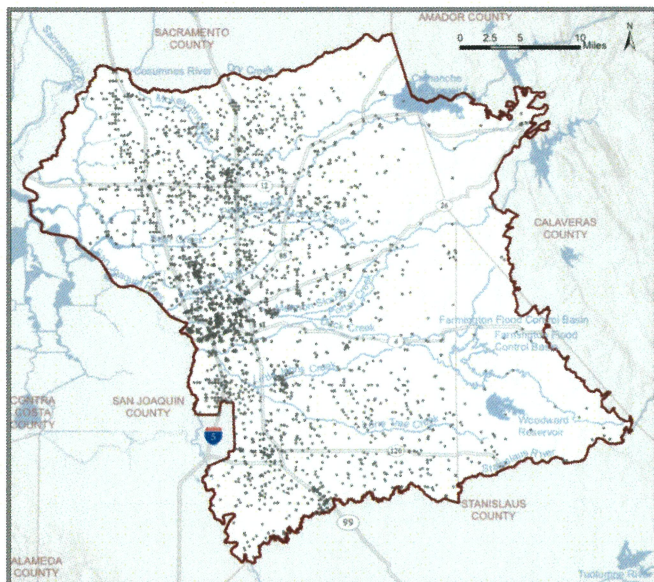


ES-5. EXISTING GROUNDWATER CONDITIONS

Groundwater levels in some portions of the Subbasin have been declining for many years, while groundwater levels in other areas of the Subbasin have remained stable or increased in recent years. The change in groundwater levels varies across the Subbasin, with the greatest declines occurring in the central portion of the Subbasin. The western and southern portions of the Subbasin have experienced less change in groundwater levels, in part due to the minimal groundwater pumping in the Delta area to the west and the import of surface water for agricultural and urban uses.

Groundwater quality in the Subbasin varies by location. Areas along the western margin have historically had higher levels of salinity. Salinity may be naturally occurring or the result of human activity. Sources of salinity in the Subbasin include Delta sediments, deep saline groundwater, and irrigation return water. Total dissolved solids (TDS), which is a measure of all inorganic and organic substances present in a liquid in molecular, ionized, or colloidal suspended form, is commonly used to measure salinity. The Groundwater Ambient Monitoring and Assessment (GAMA) Program includes numerous water quality monitoring sites in the Subbasin compiled from different sources, shown in Figure ES-4. Maximum TDS concentrations across the Subbasin have been reported as high as 2,500 milligrams per liter (mg/L) along portions of the Subbasin's western boundary. For drinking water, California has three secondary maximum contaminant level (SMCL) standards for TDS, all based on aesthetic considerations such as taste and odor, not public health concerns. These are 500 mg/L (recommended limit), 1,000 mg/L (upper limit), and 1,500 mg/L (short-term limit). TDS concentrations decrease significantly to the east, to typically less than 500 mg/L (the recommended limit for aesthetic considerations). Elevated concentrations of other constituents, such as nitrate, arsenic, and point-source contaminants, are generally localized and not widespread and are

Figure ES-4: GAMA Water Quality Sampling Locations



generally related to natural sources or land use activities. The GSP establishes ongoing monitoring of salinity, arsenic, nitrate, and a number of other common water quality constituents to fill data gaps and identify potential trends of concern.

While the total volume of groundwater in storage in the Subbasin has declined over time, groundwater storage reduction has not historically been an area of concern in the Subbasin, as there are large volumes of fresh water stored in the aquifer. The total fresh groundwater in storage was estimated at over 50 million-acre-feet (MAF) in 2015. The amount of groundwater in storage has decreased by approximately .01 percent per year between 1995 and 2015. As such, it is highly unlikely the Subbasin will experience conditions under which the volume of stored groundwater poses a concern, although the depth to access that groundwater does pose a concern.

Land subsidence has not historically been an area of concern in the Subbasin, and there are no records of land subsidence caused by groundwater pumping in the Subbasin.

Seawater intrusion is not present in the Subbasin. While the Delta ecosystem evolved with a natural salinity cycle that brought brackish tidal water in from the San Francisco Bay, current management practices endeavor to maintain freshwater flows through a combination of hydraulic and physical barriers and alterations to existing channels.

Surface waters can be hydraulically interconnected with the groundwater system, where the stream baseflow is either derived from the aquifer (gaining stream) or recharged to the aquifer (losing stream). If the water table beneath the stream lowers as a result of groundwater pumping, the stream may disconnect entirely from the underlying aquifer. Major river systems in the Subbasin are highly managed to meet instream flow requirements for fisheries, water quality standards, and water rights of users downstream.

ES-6. SUSTAINABLE MANAGEMENT CRITERIA

SGMA introduces several terms to measure sustainability, including:

Sustainability Indicators – Sustainability indicators refer to any of the effects caused by groundwater conditions occurring throughout the Subbasin that, when significant and unreasonable, cause undesirable results. The six sustainability indicators identified by DWR are the following:

- Chronic lowering of groundwater levels indicating a significant and unreasonable depletion of supply if continued over the planning and implementation horizon
- Significant and unreasonable reduction of groundwater storage
- Significant and unreasonable seawater intrusion
- Significant and unreasonable degraded water quality
- Significant and unreasonable land subsidence that substantially interferes with surface land uses
- Depletions of interconnected surface water that have significant and unreasonable adverse impacts on beneficial uses of the surface water

Sustainability Goal – This goal is the culmination of conditions resulting in a sustainable condition (absence of undesirable results) within 20 years.

Undesirable Results – Undesirable results are the significant and unreasonable occurrence of conditions that adversely affect groundwater use in the Subbasin, including reduction in the long-term viability of domestic, agricultural, municipal, or environmental uses of the Subbasin’s groundwater. Categories of undesirable results are defined through the sustainability indicators.

Minimum Thresholds – Minimum thresholds are numeric values for each sustainability indicator and are used to define when undesirable results occur. Undesirable results occur if minimum thresholds are exceeded in an established percentage of sites in the Subbasin’s representative monitoring network.

Measurable Objectives – Measurable objectives are a specific set of quantifiable goals for the maintenance or improvement of groundwater conditions.

The method prescribed by SGMA to measure undesirable results involves setting minimum thresholds and measurable objectives for a series of representative wells. Representative wells are identified to provide a basis for measuring groundwater conditions throughout a basin or subbasin without having to measure each well, which would be cost prohibitive. In the Eastern San Joaquin Subbasin, representative wells were selected based on history of recorded groundwater levels and potential to effectively represent the groundwater conditions.

Revisions to Sustainable Management Criteria – This revised GSP reflects changes made to the sustainable management criteria in response to the potential corrective actions suggested/recommended by DWR. In their Consultation Initiation Letter, DWR identified the following two deficiencies:

Potential Deficiency 1 – The GSP lacks sufficient justification for determining that undesirable results for chronic lowering of groundwater levels, subsidence, and depletion of interconnected surface waters can only occur in consecutive non-dry water year types. The GSP also lacks sufficient explanation for its minimum thresholds and undesirable results for chronic lowering of groundwater levels.

Potential Deficiency 2 - The GSP does not provide enough information to support the use of the chronic lowering of groundwater level sustainable management criteria and representative monitoring network as a proxy for land subsidence.

Revisions made to sustainable management criteria, as well as additional explanations as to how the Subbasin sustainability indicators and sustainable management criteria were determined, are described in Chapter 3: Sustainable Management Criteria.

The Letter identified two potential deficiencies with the GSP which may preclude DWR’s approval, as well as potential corrective actions to address each potential deficiency. The Letter thus initiated consultation between DWR, the Plan Manager, and the Subbasin’s GSAs regarding the amount of time needed to address the potential deficiencies and corrective actions. A subsequent meeting with DWR was held on April 4, 2022 to discuss the Subbasin’s proposed approach to addressing the identified deficiencies. The revisions to the sustainability indicators and sustainability management criteria represent the response to the Letter based on direction provided by the ESJGWA, the Subbasin GSAs, and DWR.

In their Letter, DWR identified the following two deficiencies:

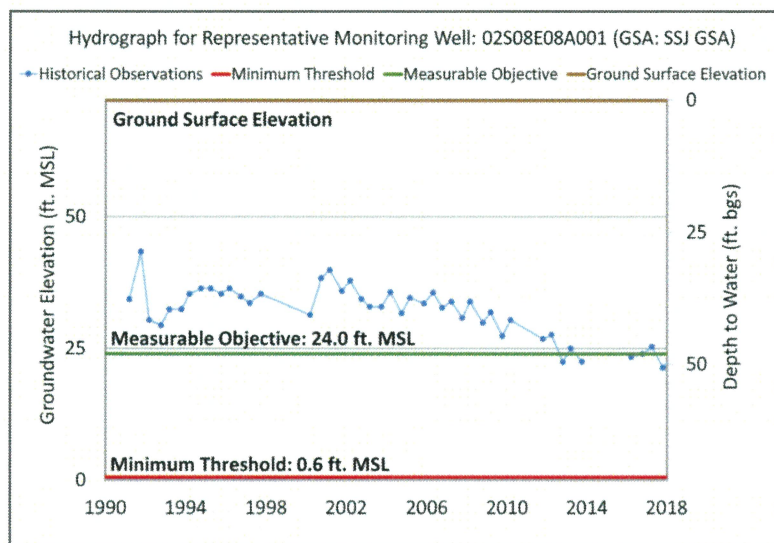
Potential Deficiency 1 – The GSP lacks sufficient justification for determining that undesirable results for chronic lowering of groundwater levels, subsidence, and depletion of interconnected surface waters can only occur in consecutive non-dry water year types. The GSP also lacks sufficient explanation for its minimum thresholds and undesirable results for chronic lowering of groundwater levels.

~~Potential Deficiency 2 – The GSP does not provide enough information to support the use of the chronic lowering of groundwater level sustainable management criteria and representative monitoring network as a proxy for land subsidence.~~

~~The Letter also provided Potential Corrective Actions. Six potential corrective actions were identified for Deficiency 1, and three potential corrective actions were identified for Deficiency 2. Revisions to this GSP reflect changes made to the Subbasin sustainability indicators and sustainable management criteria resulting from analyses and decisions made to address these deficiencies. Documentation of modifications made to Subbasin sustainability indicators and sustainable management criteria and additional explanation as to how the Subbasin sustainability indicators and sustainable management criteria were determined can be found in the appendices.~~

A total of 20 representative wells were identified for measurement of groundwater levels in the Subbasin, and 10 representative wells were identified for groundwater quality monitoring. The GSP uses groundwater quality data as the basis for evaluating conditions for seawater intrusion and uses groundwater level data as the basis for evaluating conditions for groundwater storage, depletions of interconnected surface water, and land subsidence. As such, these representative wells provide the basis for measuring the six sustainability indicators across the Subbasin.

Figure ES-5: Sample Relationship Between Minimum Threshold and Measurable Objective



Minimum thresholds and measurable objectives were developed for each of the representative wells. Figure ES-5 shows a typical relationship of the minimum thresholds, measurable objectives, and historical groundwater level data for a sample groundwater level representative monitoring well.

Minimum thresholds for groundwater levels were developed with reference to historical drought low conditions and domestic well depths. Specifically, minimum thresholds were established based on the deeper of the historical drought low plus a buffer of the historical fluctuation or the 10th percentile domestic well depth, whichever is shallower – establishing levels that are protective of 90 percent of domestic wells. In municipalities with ordinances requiring the use of City water (water provided by the City’s municipal wells), the

10th percentile municipal well depth is used in place of the 10th percentile domestic well depth criteria.

Measurable objectives were established based on the historical drought low and provide a buffer above the minimum threshold. A table summarizing minimum thresholds and measurable objectives is included in the GSP. Graphs showing the minimum threshold and measurable objective for each of the representative wells are contained in an appendix to the GSP.

Minimum thresholds for water quality were defined by considering two primary beneficial uses at risk of undesirable results related to salinity: drinking water and agriculture uses. Minimum thresholds are 1,000 mg/L for each representative monitoring well, consistent with the upper limit SMCL for TDS. Crop tolerances in the Subbasin range by crop type from 900 mg/L TDS for almonds up to 4,000 mg/L TDS for wheat, assuming a 90 percent yield.

The minimum threshold for seawater intrusion is a 2,000 mg/L chloride isocontour line established near the western edge of the Subbasin, between sentinel monitoring locations. 2,000 mg/L chloride is approximately 10 percent of seawater chloride concentrations (19,500 mg/L) and was developed as a minimum threshold based on consideration of existing management practices in other areas of the state.

For depletions of interconnected surface water, the minimum thresholds and measurable objectives for groundwater levels are used. There is significant correlation between groundwater levels and depletions, and the groundwater levels minimum thresholds are found to be protective of depletions.

Similarly, the minimum thresholds and measurable objectives for groundwater levels are used for the land subsidence and groundwater storage sustainability indicators, as both are strongly linked to groundwater levels. The groundwater levels minimum thresholds are found to be protective of land subsidence and groundwater storage.

Two consecutive years of minimum threshold exceedances are used to determine if an undesirable result has occurred to establish a pattern rather than an isolated event. The lowering of groundwater levels during dry or critically dry years is not considered to be unreasonable unless the levels do not rebound to above the thresholds following wet conditions or are otherwise mitigated through adaptive management or implementation of projects and management actions. While statistically, three data points are required to establish a trend, three years of exceedances was felt to be too extreme, whereas a single exceedance was not sufficient to establish a trend. Therefore, the two consecutive years was selected as part of this definition.

At least 25 percent of representative monitoring wells used to monitor groundwater levels falling below their minimum thresholds for two consecutive years was presented to the Eastern San Joaquin Technical Advisory Committee (ESJ TAC) during the April 10, 2019 meeting and was approved by the Eastern San Joaquin Groundwater Authority (ESJGWA) Board during the May 8, 2019 meeting. The Eastern San Joaquin Water Resources Model (ESJWRM) results under the projected conditions baseline scenario were used to evaluate minimum threshold exceedances, and the model results considered in determining that a 25 percent exceedance threshold was sufficient to determine that undesirable results would occur subbasin-wide (e.g., were not a localized event).

ES-7. WATER BUDGETS

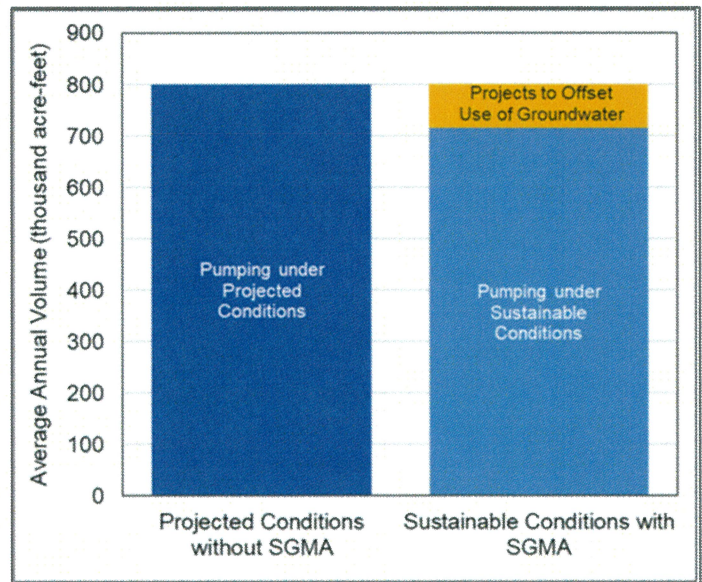
The Eastern San Joaquin Subbasin has been in an overdraft condition for many years. Overdraft occurs when the amount of groundwater extracted exceeds the long-term average groundwater recharged.

The groundwater evaluations conducted as a part of GSP development have provided estimates of the historical, current, and projected groundwater budget conditions. The current analysis was prepared using the best available information and through development of a new groundwater modeling tool, the Eastern San Joaquin Water Resources Model (ESJWRM). It is anticipated that as additional information becomes available, the model can be updated, and more refined estimates of annual pumping and overdraft can be developed.

Following the submittal of the Eastern San Joaquin Subbasin GSP in January 2020, the ESJWRM was revised to correct data relating to historical surface water deliveries and to include additional data for Water Year (WY) 2016 through WY 2020. The ESJWRM simulation period was extended to simulate Water Years 1995 through 2020 and the model recalibrated for the extended period. As a result of the model update, both the historical and projected water budgets were revised in 2021 to reflect the new data sets used in the model. Additionally, refinements and enhancements were made to the historical data for the updated historical ESJWRM requiring an update to the projected conditions baseline ESJWRM. The updated version of the Projected Conditions Baseline (PCBL) used the extended dataset and calibration results, along with updated data sources and assumptions for projected conditions, representing approximately water year 2040 conditions.

Based on these analyses, at projected groundwater pumping levels, the long-term groundwater pumping offset and/or recharge required for the Subbasin to achieve sustainability is approximately 7816,000 AF/year. Groundwater levels are expected to continue to decline based on projections of current land and water uses. Projects that offset groundwater pumping and/or increase recharge will help the Subbasin reach sustainability, as illustrated in Figure ES-6.

Figure ES-6: Subbasin-Wide Total Groundwater Pumping and Offsets Required to Achieve Sustainability



The projected Subbasin water budget was also evaluated under climate change conditions, which simulate higher demand requiring increased groundwater pumping despite more precipitation and streamflows. ~~With the updated PCBL, the potential impact of climate change on the Subbasin in the future was also updated. The updated version of the Projected Conditions Baseline with Climate Change (PCBL-CC) largely used the same perturbation factors (2070 Central Tendency climate change conditions), but the updated PCBL-CC extends the simulation time period by two years. The climate change scenario used for the analysis was the 2070 central tendency climate change scenario prescribed by DWR. The overdraft modeled under climate change conditions is simulated to increase above projected conditions without climate change.~~

~~With the updated PCBL, the potential impact of climate change on the Subbasin in the future was also updated. The updated version of the Projected Conditions Baseline with Climate Change (PCBL-CC) largely used the same perturbation factors (2070 Central Tendency climate change conditions) as the original simulation, but the updated PCBL-CC extendeds the simulation time period by two years. TheThe overdraft modeled under climate change conditions is simulated to increase above projected conditions without climate change, requiring long-term groundwater pumping offset and/or recharge required for the Subbasin to achieve sustainability of approximately 38,000 AF/year.~~

Finally, as part of the revisions to this GSP to address DWR-identified deficiencies, projects and management actions (PMAs) likely to be implemented over the next five years were simulated in the projected water budget, both with and without climate change. The projected water budget with PMAs demonstrated that with implementation of the identified subset of projects, the Subbasin could achieve and maintain sustainability. However, when climate change impacts are added to the scenario, the Subbasin remains in overdraft conditions, indicating that additional PMAs will be required in the future to address climate change impacts on the groundwater basin.

ES-8. MONITORING NETWORKS

The GSP outlines the monitoring networks for the six sustainability indicators. The objective of these monitoring networks is to monitor conditions across the Subbasin and to detect trends toward undesirable results. Specifically, the monitoring network was developed to do the following:

- Monitor impacts to the beneficial uses or users of groundwater
- Monitor changes in groundwater conditions relative to measurable objectives and minimum thresholds
- Demonstrate progress toward achieving measurable objectives described in the GSP

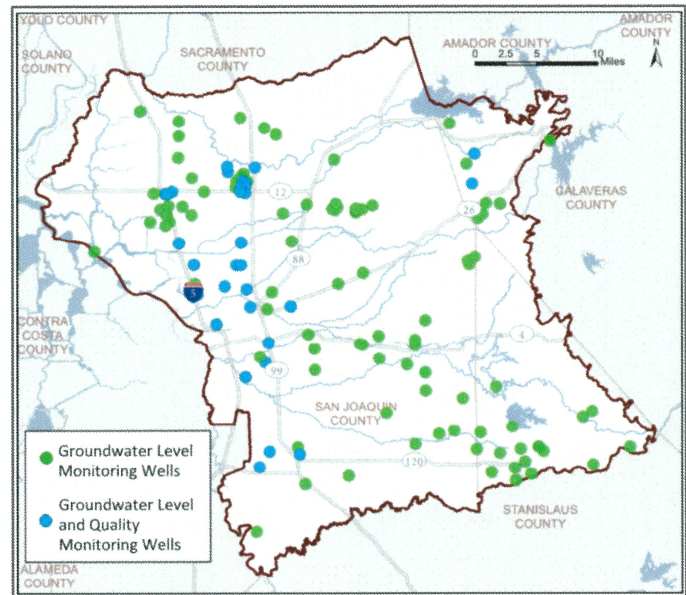
There are four monitoring networks in the Eastern San Joaquin Subbasin: a representative network for water levels, a broad network for water levels, a representative network for water quality, and a broad network for water quality. Representative networks are used to determine compliance with the minimum thresholds, while the broad networks collect data for informational purposes to identify trends and fill data gaps. The two monitoring networks for water quality will additionally be used to develop a chloride isocontour to monitor for potential seawater intrusion and water levels data will inform depletions of interconnected surface water.

The monitoring networks were designed by evaluating data from the DWR's California Statewide Groundwater Elevation Monitoring (CASGEM) Program, the United States Geological Survey (USGS), and participating GSAs. The monitoring network consists largely of wells that are already being used for monitoring in the Subbasin. Additional wells are being added, including two new deep, multi-completion monitoring wells awarded under DWR's Technical Support Services (TSS) program. Figure ES-7 shows the location of existing groundwater monitoring wells in both the representative and broad monitoring networks.

Wells in the monitoring networks will be measured on a semi-annual schedule. Historical measurements have been entered into the Subbasin Data Management System (DMS), and future data will also be stored in the DMS.

A summary of the wells in the monitoring networks is shown in the table below.

Figure ES-7: Groundwater Monitoring Wells



Summary of Monitoring Network Wells	
Representative Networks	Well Count
Groundwater Level	20
Groundwater Quality	10
Broad Networks	
CASGEM (Groundwater Levels)	76
Nested or Clustered Wells (Groundwater Levels & Quality)	16
Agency Wells (Groundwater Levels & Quality)	5

ES-9. DATA MANAGEMENT SYSTEM

The Eastern San Joaquin DMS was built on a flexible, open software platform that uses familiar Google maps and charting tools for analysis and visualization. The DMS serves as a data-sharing portal that enables use of the same data and tools for visualization and analysis. These tools support sustainable groundwater management and create transparent reporting about collected data and analysis results.

The DMS is web-based; the public can easily access this portal using common web browsers such as Google Chrome, Firefox, and Microsoft Edge. The DMS is currently populated with available historical data. Future data will also be entered into the system as it is collected.

The DMS portal provides easy access and the ability to query information stored in the system. Groundwater data can be plotted for any of the available data points, providing a pictorial view of historical and current data.

The DMS can be accessed at this link using the Guest Login:

<https://opti.woodardcurran.com/esj/>

Figure ES-8: Opti DMS Screenshot

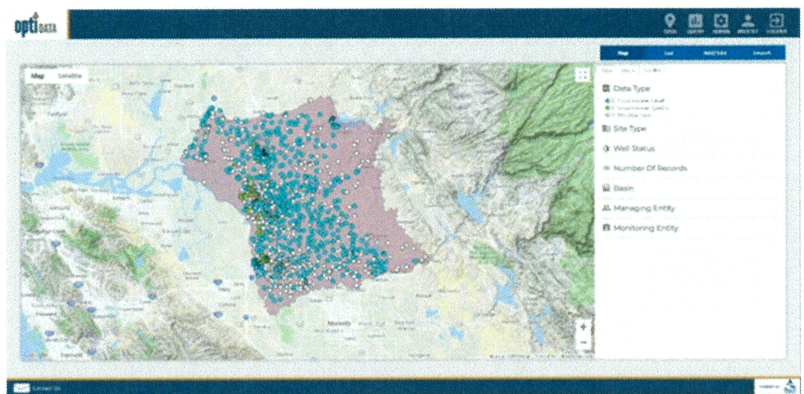


Figure ES-9: Typical DMS Data Display



ES-10. PROJECTS AND MANAGEMENT ACTIONS

Achieving sustainability in the Subbasin requires implementation of projects and management actions. The Subbasin will achieve sustainability by implementing water supply projects that either replace groundwater use or supplement groundwater supplies to attain the current estimated pumping offset and/or recharge need of 7816,000 AF/year. It should be noted that this number will be reevaluated [in the future](#) after additional data are collected and analyzed. In addition, three projects have been identified that support demand conservation activities, including water use efficiency upgrades. Currently, no pumping restrictions have been proposed for the Subbasin; however, GSAs maintain the flexibility to implement such demand-side management actions in the future if need is determined.

Although the ESJGWA does not have direct authority to require GSAs to implement projects, the ESJGWA will coordinate analysis of GSA-level demands and will compile annual or biannual reports to evaluate progress. If projects do not progress, or if monitoring efforts demonstrate that the projects are not effective in achieving stated recharge and/or offset targets, the GWA will convene a working group to evaluate supply-side and demand-side management actions such as the implementation of groundwater pumping curtailments, land fallowing, etc.

Projects to increase water supply availability in the Subbasin were identified by individual GSAs. The initial set of projects was reviewed with the ESJGWA Board, Advisory Committee, and Workgroup. A final list of 23 potential projects are included in the GSP, representing a variety of project types including direct and in-lieu¹ recharge, intra-basin water transfers, demand conservation, water recycling, and stormwater reuse. Projects are classified into three categories based on project status: Planned, Potential, and Longer-term/Conceptual. Planned projects are anticipated to be completed and implemented prior to 2040. [Near-term P](#)Planned projects are anticipated to provide enough water to meet the [78,000 AFY of required](#) groundwater pumping offset and/or recharge needed to reach sustainability [without climate change; however, additional projects will be required in the future to address climate change impacts](#). Potential projects provide a menu of options for additional water supply projects that can be implemented in the Subbasin. These projects require further analysis and permitting to determine feasibility and cost effectiveness. Longer-term/Conceptual projects are in the early conceptual planning stages and would require significant additional work to move forward. [Projects are summarized in the table below.](#)

Additionally, a study has been proposed by NSJWCD to evaluate reaches of the Mokelumne River downstream of Camanche Reservoir to support model refinement and validation and to inform SGMA basin accounting. [These projects are summarized below.](#)

¹ In-lieu recharge refers to the use of surface water or recycled water supplies for applications where groundwater is currently used. This “in-lieu” use reduces groundwater pumping and allows groundwater to remain in the aquifer.

Project Description	Project Type	Project Proponent	Estimated Demand Reduction (AF/year)
Planned Projects:			
Lake Grupe In-lieu Recharge	In-lieu Recharge	Stockton East Water District	10,000
SEWD Surface Water Implementation Expansion	In-lieu Recharge	Stockton East Water District	19,000
City of Manteca Advanced Metering Infrastructure	Conservation	City of Manteca	272
City of Lodi Surface Water Facility Expansion & Delivery Pipeline	In-lieu Recharge	City of Lodi	4,750
White Slough Water Pollution Control Facility Expansion	Recycling/In-lieu Recharge	City of Lodi	115
CSJWCD Capital Improvement Program	In-lieu Recharge	Central San Joaquin Water Conservation District	5,000
NSJWCD South System Modernization	In-lieu Recharge	North San Joaquin Water Conservation District	4,500
Long-term Water Transfer to SEWD and CSJWCD	Transfers/In-lieu Recharge	South San Joaquin GSA	45,000
Potential Projects			
BNSF Railway Company Intermodal Facility Recharge Pond	Direct Recharge	Central San Joaquin Water Conservation District	1,000
City of Stockton Advanced Metering Infrastructure	Conservation	City of Stockton	2,000
South System Groundwater Banking with EBMUD	In-lieu Recharge	North San Joaquin Water Conservation District	4,000
NSJWCD North System Modernization/Lakso Recharge	In-Lieu Recharge/Direct Recharge	North San Joaquin Water Conservation District	2,600
Manassero Recharge Project	Direct Recharge	North San Joaquin Water Conservation District	8,000
Tecklenburg Recharge Project	Direct Recharge	North San Joaquin Water Conservation District	8,000
City of Escalon Wastewater Reuse	Recycling/In-lieu Recharge/Transfers	South San Joaquin GSA	672
City of Ripon Surface Water Supply	In-lieu Recharge	South San Joaquin GSA	6,000
City of Escalon Connection to Nick DeGroot Water Treatment Plant	In-lieu Recharge	South San Joaquin GSA	2,015
Longer-term/Conceptual Projects			
Farmington Dam Repurpose Project	Direct Recharge	Stockton East Water District	30,000
Recycled Water Transfer to Agriculture	Recycling/Transfers/In-lieu Recharge	City of Manteca	5,193
Mobilizing Recharge Opportunities	Direct Recharge	San Joaquin County	Not determined
NSJWCD Winery Recycled Water	Recycling/In-Lieu Recharge/Direct Recharge	North San Joaquin Water Conservation District	750
Pressurization of SSJID Facilities	Conservation	South San Joaquin GSA	30,000
SSJID Storm Water Reuse	Stormwater/In-lieu Recharge/Direct Recharge	South San Joaquin GSA	1,100

As previously noted, The ESJGWA received the Letter from DWR's Consultation Initiation Letter that that identified two potential deficiencies with the Subbasin GSP which may preclude DWR's approval, as well as potential corrective actions to address each potential deficiency. Potential Deficiency 1 related to the GSP's requirement of two consecutive non-dry (i.e., below normal, above normal, or wet) water year types and the exclusion of dry and critically dry water year types in the identification of undesirable results. (Please see Chapter 3, Sustainable Management Criteria, for revisions that address this deficiency). Potential Deficiency 1 also requested additional detail on how projects and management actions, in conjunction with the proposed chronic lowering of groundwater levels sustainable management criteria, will offset drought related groundwater reductions help the subbasin achieve sustainability and avoid significant and unreasonable impacts. Specifically, Potential Correction Action 1(b) stated that the GSP "fails to identify specific extraction and groundwater recharge management actions the GSAs would implement or otherwise describe how the Subbasin would be managed to offset...dry year reductions of groundwater storage". As a Potential Corrective Action, the following is suggested: "The GSP should be revised to include specific projects and management actions the GSAs would implement to offset drought year groundwater level declines."

As part of the process to respond to DWR, the ESJGWA worked with each GSA individually to update GSP project descriptions with new information that has become available in the past two years since the GSP was first adopted in 2020. These revised projects were then divided into two categories: Category A projects (projects that are likely to advance in the next five years and have existing water rights or agreements) and Category B projects (projects that are not anticipated to advance in the next five years, but could be leveraged in the future, particularly if Category A projects do not fully achieve stated recharge and/or offset targets). Category A projects and Category B projects are shown in Table 6-2 and Table 6-3, respectively, along with project assumptions; please see Chapter 2, Basin Setting, for information as to how the Category A projects were simulated in the projected water budget to evaluate their effectiveness on achieving Subbasin sustainability and for a description of their effectiveness on addressing overdraft in the Subbasin. Category B projects may be elevated to a Category A project should feasibility studies demonstrate a viable project, if water rights or contracts are firmly identified, if partnerships are formed, and if economic evaluation demonstrate that the projects are cost effective, and remain part of the overall adaptive management strategy that the Subbasin is utilizing in GSP implementation to achieve and maintain Subbasin sustainability.

Table ES-840: Category A Projects

<u>Project</u>	<u>Submitting GSA</u>	<u>Project Type</u>	<u>Water Source</u>	<u>Baseline Water Year Type</u>	<u>Annual Volume (AFY)</u>	<u>Notes</u>
<u>1. Lake Grube In-Lieu Recharge</u>	Stockton East Water District	In-Lieu Recharge	The surface water source of this project is from SEWD's existing contract with the U.S. Bureau of Reclamation (USBR) for the New Hogan Reservoir. Surface water is diverted from the Calaveras River. This is an existing surface water right.	Drought Dry Normal Wet	2,000 4,900 4,900 4,900	Range of 0-2,000 AFY in multiple dry years
<u>2. SEWD Surface Water Implementation Expansion</u>	Stockton East Water District	In-Lieu Recharge	This project relies on water from New Hogan Reservoir (Calaveras River water) and New Melones Reservoir (Stanislaus River water). This is an existing surface water right. SEWD has long-term water supply contracts with USBR for both New Hogan Reservoir and New Melones Reservoir.	Drought Dry Normal Wet	4,000 8,000 19,000 19,000	Range of 0-4,000 AFY in multiple drought years
<u>3. West Groundwater Recharge Basin</u>	Stockton East Water District	Direct Recharge	This project relies on water from New Hogan Reservoir (Calaveras River water) and New Melones Reservoir (Stanislaus River water). This is an existing surface water right. SEWD has long-term water supply contracts with USBR for both New Hogan Reservoir and New Melones Reservoir. In addition to Calaveras River and Stanislaus River water, stormwater runoff will also contribute to the volume of water available for recharge.	Drought Dry Normal Wet	1,500 4,000 16,000 16,000	
<u>4. CSJWCD Capital Improvement Program</u>	Central San Joaquin Water Conservation District	In-Lieu Recharge	This project relies on water from New Melones Reservoir. This is an existing surface water right. CSJWCD has long-term water supply contracts with USBR for the New Melones Unit Central Valley Project.	Drought Dry Normal Wet Drought	0 12,000 24,000 24,000 20,000	

<u>Project</u>	<u>Submitting GSA</u>	<u>Project Type</u>	<u>Water Source</u>	<u>Baseline Water Year Type</u>	<u>Annual Volume (AFY)</u>	<u>Notes</u>
<u>5. Long-Term Water Transfer to SEWD and CSJWCD</u>	<u>South San Joaquin GSA</u>	<u>Transfers/In-Lieu Recharge</u>	<u>This project relies on water from New Melones Reservoir (Stanislaus River water). This is an existing surface water right (pre-1914) held by Oakdale Irrigation District (OID) and South San Joaquin Irrigation District (SSJID).</u>	<u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>5,000</u> <u>0</u> <u>0</u>	<u>This project currently only covers the transfer of water from OID and SSJID to SEWD urban customers.</u>
<u>6. White Slough Pollution Control Facility Expansion</u>	<u>City of Lodi</u>	<u>Recycled Water/In-Lieu Recharge</u>	<u>Treated wastewater effluent from White Slough Water Pollution Control Facility.</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>3,729</u> <u>3,729</u> <u>3,729</u> <u>3,729</u>	
<u>7. NSJWCD South System Modernization</u>	<u>North San Joaquin Water Conservation District</u>	<u>In-Lieu Recharge/Direct Recharge</u>	<u>This project relies on water from the Mokelumne River. This is an existing water right held by NSJWCD (Permit 10477).</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>0</u> <u>0</u> <u>4,800</u> <u>6,000</u>	
<u>8. NSJWCD Tecklenburg Recharge Project</u>	<u>North San Joaquin Water Conservation District</u>	<u>Direct Recharge</u>	<u>This project relies on water from the Mokelumne River. This is an existing surface water right held by NSJWCD (Permit 10477).</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>0</u> <u>1,000</u> <u>4,800</u> <u>6,000</u>	
<u>9. NSJWCD South System Groundwater Banking with EBMUD</u>	<u>North San Joaquin Water Conservation District</u>	<u>In-Lieu Recharge</u>	<u>This project relies on water from the Mokelumne River. This is an existing water right held by East Bay Municipal Utility District (EBMUD) (Permit 10478) as per Protest Dismissal Agreement from 11/25/2014.</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>0</u> <u>1,500</u> <u>6,400</u> <u>8,000</u>	<u>80% of wet year supply</u>
<u>10. NSJWCD North System Modernization/Lakso Recharge</u>	<u>North San Joaquin Water Conservation District</u>	<u>In-Lieu Recharge/Direct Recharge</u>	<u>This project relies on water from the Mokelumne River. This is an existing surface water right held by NSJWCD (Permit 10477).</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u> <u>Wet</u>	<u>0</u> <u>1,000</u> <u>3,200</u> <u>4,000</u>	
<u>11. Delta Water Treatment Plant Groundwater Recharge Improvements Project</u>	<u>City of Stockton</u>	<u>Direct Recharge</u>	<u>This project relies on raw water from the Delta Water Treatment Plant.</u>	<u>Drought</u> <u>Dry</u> <u>Normal</u>	<u>5,040</u> <u>5,040</u> <u>5,040</u>	

<u>Project</u>	<u>Submitting GSA</u>	<u>Project Type</u>	<u>Water Source</u>	<u>Baseline Water Year Type</u>	<u>Annual Volume (AFY)</u>	<u>Notes</u>
<u>Geotechnical Investigation</u>				<u>Wet</u>	<u>5,040</u>	

Table ES-810: Category B Projects

<u>Project Name</u>	<u>Project Type</u>	<u>Submitting GSA</u>	<u>Current Status</u>	<u>Time-table (initiation and completion)</u>	<u>Annual Volume (AFY)</u>
<u>Perfecting Mokelumne River Water Right</u>	<u>In-lieu Recharge</u>	<u>San Joaquin County</u>	<u>Planning phase</u>	<u>2022-2025</u>	<u>20,000 to 50,000</u>
<u>City of Manteca Advanced Metering Infrastructure</u>	<u>Conservation</u>	<u>City of Manteca</u>	<u>Currently underway</u>	<u>2019-2021</u>	<u>272</u>
<u>City of Lodi Surface Water Facility Expansion & Delivery Pipeline</u>	<u>In-lieu Recharge</u>	<u>City of Lodi</u>	<u>Planning phase</u>	<u>2030-2033</u>	<u>4,750</u>
<u>BNSF Railway Company Intermodal Facility Recharge Pond</u>	<u>Direct Recharge</u>	<u>CSJWCD</u>	<u>Planning phase</u>	<u>2020-2023</u>	<u>1,000</u>
<u>City of Stockton Advanced Metering Infrastructure</u>	<u>Conservation</u>	<u>City of Stockton</u>	<u>Initial study completed in 2011</u>	<u>2020/25-2025/28</u>	<u>2,000</u>
<u>Manasero Recharge Project</u>	<u>Direct Recharge</u>	<u>NSJWCD</u>	<u>Planning phase</u>	<u>2019-2022*</u>	<u>8,000</u>
<u>City of Escalon Wastewater Reuse</u>	<u>Recycling/ In-lieu Recharge/ Transfers</u>	<u>SSJ GSA</u>	<u>Planning phase</u>	<u>2020-2028</u>	<u>672</u>
<u>City of Ripon Surface Water Supply</u>	<u>In-lieu Recharge</u>	<u>SSJ GSA</u>	<u>Design complete: environmental permitting underway</u>	<u>2020-2024</u>	<u>6,000</u>
<u>City of Escalon Connection to Nick DeGroot Water Treatment Plant</u>	<u>In-lieu Recharge</u>	<u>SSJ GSA</u>	<u>Conceptual design phase: environmental review complete</u>	<u>2020-2023</u>	<u>2,015</u>
<u>Farmington Dam Repurpose Project</u>	<u>Direct Recharge</u>	<u>SEWD</u>	<u>Preplanning phase with reconnaissance study complete</u>	<u>2030-2050</u>	<u>30,000</u>
<u>Recycled Water Transfer to Agriculture</u>	<u>Recycling/Transfers/ In-lieu Recharge</u>	<u>City of Manteca</u>	<u>Planning phase with evaluation completed in Draft Reclaimed Water Facilities Master Plan</u>	<u>Not determined</u>	<u>5,193</u>
<u>Mobilizing Recharge Opportunities</u>	<u>Direct Recharge</u>	<u>San Joaquin County</u>	<u>Early conceptual planning phase</u>	<u>Not determined</u>	<u>Not determined</u>
<u>NSJWCD Winery Recycled Water</u>	<u>Recycling/ In-lieu Recharge/ Direct Recharge</u>	<u>NSJWCD</u>	<u>Conceptual planning and discussion</u>	<u>2025-2027</u>	<u>750</u>

<u>Project Name</u>	<u>Project Type</u>	<u>Submitting GSA</u>	<u>Current Status</u>	<u>Time-table (initiation and completion)</u>	<u>Annual Volume (AFY)</u>
<u>Pressurization of SSJID Facilities</u>	<u>Conservation</u>	<u>SSJ GSA</u>	<u>Feasibility study complete</u>	<u>2019-2030</u>	<u>30,000</u>
<u>SSJID Storm Water Reuse</u>	<u>Storm Water/ In-lieu Recharge/ Direct Recharge</u>	<u>SSJ GSA</u>	<u>Planning phase</u>	<u>2027-2030</u>	<u>1,100</u>

ES-11. GSP IMPLEMENTATION

The overdraft condition in the Subbasin requires projects to offset groundwater pumping and/or increase recharge. The exact amount of required offset/recharge will be reevaluated after additional data are collected and analyzed.

Projects will be administered by the GSA project proponents. GSAs may elect to implement projects individually or jointly with one or more GSAs or with the ESJGWA.

Implementing the GSP will require numerous management activities that will be undertaken by the ESJGWA, including the following:

- Monitoring and recording of groundwater levels and groundwater quality data
- Maintaining and updating the Subbasin DMS with newly collected data
- Annual monitoring of progress toward sustainability
- Annual reporting of Subbasin conditions to DWR as required by SGMA
- Refining Subbasin model and water budget planning estimates
- Evaluating the GSP once every 5 years and updating if warranted

The ESJGWA Board adopted a preliminary schedule for project implementation. Project implementation is scheduled to begin in 2020, with full implementation by 2040. This approach provides adequate time to put in place methods necessary to refine model estimates and verify project cost effectiveness.

Implementation of the eight identified Planned Projects will begin prior to 2030 and will continue through 2040. Evaluation and possible implementation of the nine Potential Projects and six Longer-term/Conceptual Projects will be based on long-term management or changing needs of the GSA or Subbasin. Further evaluation is necessary to determine technical, economic, and institutional feasibility.

ES-12. FUNDING

Implementation of the GSP requires funding sources. To the degree they become available, outside grants will be sought to assist in reducing cost of implementation to participating agencies, residents, and landowners of the Subbasin. However, there will be a need to collect funds to support implementation.

The areas associated with ESJGWA-wide management and GSP implementation will be borne by the ESJGWA through contributions from the member GSAs, under a cost-sharing arrangement to be developed following GSP adoption. These costs include:

- ESJGWA administration
- Groundwater level monitoring and reporting
- Groundwater quality monitoring and reporting

- Water use estimation
- Data management
- Stakeholder engagement
- Annual report preparation and submittal to DWR
- Developing and implementing a funding mechanism
- Grant applications
- GSP evaluation and updates, if warranted (every 5 years)

For budgetary purposes, the estimated initial cost of these activities is on the order of \$600,000 to \$1 million per year excluding projects and management actions costs and costs associated with the installation of new monitoring wells and grant writing. Additional one-time costs, such as model refinement, are estimated to be on the order of \$315,000.

GSA's will individually fund implementation of projects in their respective areas. Options for GSA funding include fees based on groundwater pumping, acreage, or combinations of these, and pursuit of any available grant funds. The GSA's will evaluate options for securing the needed funding on an individual basis.

The estimated initial costs of projects range from on the order of \$50,000 to \$328 million, depending on the project. Annual project costs range from \$3,000 to \$9 million per year to provide funds for operations and maintenance.

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**2022 TEMPORARY WATER TRANSFER AGREEMENT
BY AND BETWEEN
ROCK CREEK WATER DISTRICT
AND
STOCKTON EAST WATER DISTRICT**

This Agreement is entered into this ____ day of July 2022, by Rock Creek Water District (“District”) and Stockton East Water District (“Purchaser”). The District and Purchaser are collectively referred to hereafter as “parties.”

The parties agree as follows:

RECITALS

WHEREAS, District is operating under and by virtue of Division 11 of the California Water Code; and

WHEREAS, Purchaser supplies irrigation, municipal and industrial (M&I) and domestic water to portions of eastern San Joaquin County from a combination of surface and groundwater sources; and

WHEREAS, Purchaser has a contract with the Department of the Interior’s Bureau of Reclamation (“Reclamation”) to be supplied with water from the Stanislaus River utilizing the Goodwin Dam Intake Facility and other facilities owned by the Purchaser; and

WHEREAS, Purchaser has requested a 2022 water supply from the District to be served within the Purchaser’s boundaries located within portions of the Eastern San Joaquin Subbasin; and

WHEREAS, District is the owner of certain water rights to the waters of Rock Creek, including pre-1914 appropriative water rights; and

WHEREAS, due to ongoing conservation practices and improvements in facilities by the Districts, the water to be sold to the Purchaser by this Agreement, (“**Agreement-Water**” or “**water**”) is surplus to the current needs of the landowners and water users of the District in accordance with California Water Code section 22259; and

WHEREAS, the quantity and quality of groundwater within the Eastern San Joaquin Groundwater Subbasin underlying the Purchaser, parts of Districts, and the Intended Recipients is threatened and without the sale of the water to Purchaser under this Agreement, the intended recipients may pump groundwater; and

WHEREAS, by this Agreement, the parties intend to facilitate a sale of conserved water during 2022 by District to Purchaser,

NOW, THEREFORE, the Districts and Purchaser, on the terms and conditions herein set forth, agree as follows:

AGREEMENT

1. **TERM:** This Agreement shall commence upon the Effective Date and shall terminate on October 31, 2022.

2. **QUANTITY:** District will sell and deliver 1,000 acre-feet of water to Purchaser of which may be used by Purchaser for municipal and industrial (“M&I”) purposes within its boundaries.

3. **PURCHASE PRICE:** The Purchase Price for the Agreement-Water is \$225 an acre-foot delivered to the Purchaser. Purchaser shall make payment of \$112,500 for half of the 1,000 acre-feet upon full execution of the Agreement and before diversions commence. A second payment of \$112,500 shall be made within thirty (30) days of completion of the 1000 acre-foot diversion. Should Purchaser use less than 1,000 acre-feet, no additional funds shall be refunded to Purchaser. Should the District deliver less than 1,000 acre-feet due to the District’s Limiting Conditions described in Paragraph 8, the Purchaser shall only pay for the actual amount delivered.

4. **BENEFICIAL USE OF WATER BY PURCHASER:** District will sell and make Agreement-Water available to Purchaser for reasonable and beneficial uses in the quantities described and subject to the terms and conditions of this Agreement. The Purchaser shall be solely responsible for putting the Agreement-Water to beneficial use.

5. **WATER QUALITY:** District makes no warranty or representation as to the quality or fitness for use of Agreement-Water sold and delivered to Purchaser.

6. **CALIFORNIA ENVIROMENTAL QUALITY ACT:** The temporary sale of water provided under this contract (“Project”) has been determined by the Rock Creek Water District and Stockton East Water District to be Categorically Exempt from the requirements of the California Environmental Quality Act (“CEQA”) under CCR, Chapter 3, Article 19, Section 15301, Existing Facilities. The Project is determined to be a Class 1 Exemption and will be made under existing operational criteria of the Districts, through existing facilities and involving negligible or no expansion of use beyond that existing at the time of execution of this Agreement. In addition, the Project is exempt from CEQA pursuant to Public Resources Code Section 21080 (b)(3) and CEQA Guidelines Section 15269(a) due to the Declared Emergency. On May 10, 2021, Governor Newsom declared a State of Emergency (Proclamation) to address the severe drought condition in 41 California counties, including San Joaquin County. Government Code section 8571 authorizes the Governor to suspend certain regulatory requirements, including CEQA, under emergency conditions. The Proclamation orders the State “to expeditiously consider requests to move water to areas of need, including requests involving voluntary water transfers, forbearance agreements, water exchanges, or other means,” and suspends CEQA for purposes of carrying out or approving this and other directives. The project will carry out this directive and will prevent or mitigate the impacts of the drought emergency. As a separate and independent basis for determining the project to be exempt, the project also is statutorily exempt from CEQA pursuant

to Public Resources Code section 21080(b)(4) and CEQA Guidelines section 15269(c) because it involves specific actions necessary to prevent or mitigate the drought emergency.

7. **COMMENCEMENT OF DELIVERY AND DELIVERY SCHEDULE:** Purchaser may begin taking water when this Agreement has been signed by both parties and a copy delivered to both parties and when Purchaser and Districts have agreed on a delivery schedule to be attached to this Agreement as **Exhibit A**. The delivery schedule shall include the monthly amount to be delivered. Should there be any modification to the delivery schedule, Purchaser shall provide Districts with modified delivery schedule and any resulting amount owing in accordance with Section 3 of this Agreement.

8. **DISTRICT'S LIMITING CONDITIONS:** The District's obligation to make available the quantity of water specified in Paragraph 2 of this Agreement will, at all times, be subject and subordinate to the following conditions:

- (a) The terms and conditions of their water rights as they currently exist;
- (b) The rights of landowners, within the District's boundary, to the beneficial use of their respective District water as related to the delivery of water purchased pursuant to this Agreement;
- (c) Applicable federal and state laws now in existence, and as modified from time to time, which may affect the District's rights or obligations.

The conditions described in (a)-(c), inclusive, above, are collectively referred to as the District's Limiting Conditions. Nothing in this Agreement shall be construed so as to contradict, conflict with, or otherwise be contrary to the provisions of any of the District's Limiting Conditions; and in the event of any conflict between any of the District's Limiting Conditions and this Agreement, the District's Limiting Condition(s) shall control, and the District shall not be deemed to be in violation of this Agreement by any modifications of the Agreement, including reduced supply for Purchaser, that may be required to ensure compliance with any of the District's Limiting Conditions.

9. **WATER DELIVERY AND MEASUREMENT:** Agreement-Water will be delivered or otherwise made available to Purchaser for diversion at the Wagner Dam during the term of this Agreement. District and Purchaser personnel will determine the water measurements using the measuring device installed on the Wagner Dam, by the Purchaser and at the Purchaser's expense, and such other means as are customarily used by them to measure water. No water may be diverted after October 31, 2022.

10. **NO RESALE:** The Agreement-Water is being sold to Purchaser for M&I use within its boundaries. Purchaser will not resell Agreement-Water outside these parameters without the prior written consent of the District, which approval may be withheld in District's sole and unlimited discretion.

11. **NOTICES:** All notices that are required, either expressly or by implication, to be given by any party to the other under this Agreement shall be delivered or mailed, United States first-class postage prepaid, addressed as follows:

Rock Creek Water District

9601 State Route 4
Farmington, CA 95230
Attn: Board President
Phone: (775) 790-2043
Fax: (209) 744-8588

Stockton East Water District

6767 E. Main St.
Stockton, CA 95215
Attn: General Manager
Phone: (209) 948-0333
Fax: (209) 948-0423

Notice shall be deemed given (a) two calendar days following mailing via regular or certified mail, return receipt requested, (b) one business day after deposit with any one-day delivery service assuring "next day" delivery, (c) upon actual receipt of notice, or (d) upon transmission, if by facsimile, whichever is earlier. The parties shall promptly give written notice to each other of any change of address, and mailing or shipment to the addresses stated herein shall be deemed sufficient unless written notification of a change of address has been received.

12. **ENTIRE AGREEMENT:** This Agreement constitutes the entire Agreement between the parties, and supersedes any oral agreement, statement or promise relating to the subject matter of the Agreement. No other agreement, statement, or promise made to any party, or to any employee, officer, or agent of a party to this Agreement, or to any other person, that is not in writing and signed by all parties to this Agreement shall be binding upon them. Any amendment, including oral modifications, must be reduced to writing and signed by all parties to be effective.

13. **COOPERATION:** To the extent reasonably required, each party to this Agreement shall, in good faith, cooperate and assist each of the other parties in meeting such requirements of federal and/or state law and such requirements of regulatory agencies as may be applicable to performance of any terms of the Agreement. Should there be any lawsuit or regulatory challenge filed concerning any aspect of this Agreement, either party may terminate this Agreement and Purchaser shall pay the District for water it diverted at the contract price before termination of the Agreement. Should the parties decide not to terminate the Agreement but defend against the action, the parties agree to cooperate in the defense and to equally share the attorneys' fees and costs incurred in defending the legal challenge.

14. **EFFECTIVE DATE**: The effective date of this Agreement shall be the date first above written which shall be the date this Agreement is signed by both parties, or if signed on different dates, the latter of the two dates.

ROCK CREEK WATER DISTRICT

DRAFT

By _____
Don Harper, Board President

Dated: _____

STOCKTON EAST WATER DISTRICT

DRAFT

By _____
Justin M. Hopkins, Interim General Manager

Dated: _____

EXHIBIT A

MONTH	ACRE-FEET	AVG DAY CFS
July	555	40
August	445	40
September	0	0



Invoice

ACWA JPIA
P.O. Box 619082, Roseville, CA 95661
800.231.5742 | www.acwajpia.com

TO: All Property Program Members
FROM: David deBernardi, Director of Finance
DATE: July 7, 2022
RE: 22-23 Property Program

The JPIA Executive Committee adopted a 20% increase in the Property Program rates effective for policy year July 1, 2022 through June 30, 2023. This increase was due to a hard market found in obtaining excess insurance. Please note that inflation factors have been applied to the Total Insured Values (TIV) of 7.5% for all buildings and fixed equipment, as well as 5% to personal property.

For any questions regarding the payment of this premium, please contact Shelley Tippit in the Accounts Receivable Department at (800) 231-5742 ext. 3162.

Member property schedules can now be found on the JPIA online portal. If you have any questions, please contact Member Services at (800) 231-5742 or e-mail at member@acwajpia.com. Any unpaid portion that becomes more than 60 days past due will be subject to a 1% late fee each month.

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STEERING COMMITTEE MEETING

AGENDA

Wednesday, July 13, 2022

8:30 a.m. – 10:00 a.m.

San Joaquin County Robert J. Cabral Agricultural Center
2101 E. Earhart Avenue, Stockton, CA 95206

I. Call to Order/Roll Call

II. Scheduled Items – *Presentation Materials to be Posted on ESJGroundwater.org and Emailed Prior to the Meeting.*

A. Discussion/Action Items

1. Approval of the June 1st meeting minutes ([Attachment 1](#))
2. Executive Order N-7-22 GSA and SJC EHD Compliance Efforts
3. SJC Drought Response and Situation Report ([Attachments 2a and 2b](#))
4. Discussion and debrief of DWR Comment Response
5. SGMA Implementation Grant DWR/GWA Agreement and Local Project Sponsor Agreements
6. DREAM Project Status and Briefing

III. Staff Reports

1. DWR Report
2. Other Items
 - a. GWA Ad Hoc Committees
 - b. Pending Activity

IV. Public Comment (non-agenized items)

V. Director Comments

VI. Future Agenda Items

VII. Adjournment

EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

Steering Committee Meeting

AGENDA

(Continued)

Next Scheduled Meeting

Wednesday, August 10, 2022

8:30 am to 10:00 am

San Joaquin County Robert J. Cabral Agricultural Center



Board of Directors

AGENDA

Wednesday July 13th, 2022

10:30 a.m. – 12:00 p.m.

San Joaquin County Robert J. Cabral Agricultural Center
2101 E. Earhart Avenue, Stockton, CA 95206

- I. **Call to Order/Pledge of Allegiance & Safety Announcement/Roll Call**
- II. **Scheduled Items -**
 - A. Discussion / Action Items:
 - 1. Approval of the May 11th, 2022 Meeting Minutes ([Page 2](#))
 - 2. Discuss and Consider Adoption of the FY 2022-23 ESJ GWA Budget ([Page 8](#))
 - 3. Discuss and Consider Adoption of a Resolution to Accept the Revised Groundwater Sustainability Plan and Direct the Secretary to Submit the Plan to the California Department of Water Resources on Behalf of the Member Agencies ([Page 10](#))
- III. **Staff/DWR Reports**
 - A. Staff Reports ([Page 12](#))
 - B. DWR Report ([Page 16](#))
- IV. **Directors' Comments and Project Status Reports**
- V. **Public Comment (non-agendized items)**
- VI. **Future Agenda Items**
- VII. **Adjournment**

Next Regular Meeting

Wednesday, August 10th, 2022

10:30 a.m. – 12:00 p.m.

San Joaquin County Robert J. Cabral Agricultural Center

Action may be taken on any item

Agendas and Minutes may also be found at <http://www.ESJGroundwater.org>

Note: If you need disability-related modification or accommodation in order to participate in this meeting, please contact San Joaquin County Public Works Water Resources staff at (209) 468-3089

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Weekly Water Report	As of: July 11, 2022	As of: July 18, 2022
New Hogan (NHG) TOC	317,100	AF
Storage:	98,316	AF
Net Storage Change:	-3,570	AF
Inflow:	24	CFS
Release:	252	CFS
New Melones (NML) Allocation	75,000	AF
Storage:	757,751	AF
Net Storage change:	-17,788	AF
Inflow:	356	CFS
Release:	1,527	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	1,822	CFS
Release to Stanislaus River (S-98):	306	CFS
Release to OID (JT Main):	888	CFS
Release to SSJID (SO Main):	387	CFS
Release to SEWD:	<u>0</u>	CFS
Total Release	1,581	CFS
Source: Tri-Dam Operations Daily Report		
Farmington Dam (FRM)		
Diverted to SEWD:	N/A	CFS
Diverted to CSJWCD:	0	CFS
Source: USACE WCDS Hourly Report		

Surface Water Used		
Irrigators on New Hogan:	19	
Irrigators on New Melones:	0	
Out-Of-District Irrigators:	0	
DJWWTP Production:	50	MGD
North Stockton:	16	MGD
South Stockton:	9	MGD
Cal Water:	23	MGD
City of Stockton DWSP Production:	13	MGD

District Ground Water Extraction		
74-01	895	GPM
74-02	566	GPM
North	573	GPM
South	1,482	GPM
Extraction Well # 1	<u>3,090</u>	GPM
Total Well Water Extraction	6,606	GPM
Total Ground Water Production	9.5	MGD

Note: All flow data reported here is preliminary and subject to revision.

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**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948
www.sewd.net

DIRECTORS

Richard Atkins
Vice President
Division 1

Andrew Watkins
President
Division 2

Alvin Cortopassi
Division 3

Melvin Panizza
Division 4

Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

Thomas McGurk
Division 7

STAFF

Justin M. Hopkins
Interim General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

Phone 209-948-0333
Fax 209-948-0423

E-mail sewd@sewd.net

6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

SPECIAL MEETING NOTICE

A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE
STOCKTON EAST WATER DISTRICT WILL BE HELD
AT 12:55 P.M., FRIDAY, JULY 15, 2022 AT THE
DISTRICT OFFICE, 6767 EAST MAIN STREET
STOCKTON, CALIFORNIA 95215

Assistance for the Disabled: If you are disabled in any way and need accommodation to participate in the meeting; to include transportation provided by the District please contact Kristin Carido, Administrative Services Manager (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

Agendas and minutes are located on our website at www.sewd.net.

AGENDA

- A. Pledge of Allegiance (Interim Manager Hopkins) & Roll Call**
- B. Consent Calendar**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items**
 - 1. Calaveras River System Luncheon at Bellota
- E. Report of the Counsel (None)**
- F. Adjournment**

Certification of Posting

I hereby certify that on July 7, 2022 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 24 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).

Executed at Stockton, California on July 7, 2022.

Kristin Carido, Administrative Services Manager
Stockton East Water District

Any materials related to items on this agenda distributed to the Board of Directors of Stockton East Water District less than 24 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

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**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins
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Andrew Watkins
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Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

Thomas McGurk
Division 7

STAFF

Justin M. Hopkins
Interim General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

Phone 209-948-0333
Fax 209-948-0423

E-mail sewd@sewd.net

6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

SPECIAL MEETING NOTICE

A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE
STOCKTON EAST WATER DISTRICT WILL BE HELD
AT 10:00 A.M., MONDAY, JULY 18, 2022 AT THE
DISTRICT OFFICE, 6767 EAST MAIN STREET
STOCKTON, CALIFORNIA 95215

Assistance for the Disabled: If you are disabled in any way and need accommodation to participate in the meeting, please contact Kristin Carido, Administrative Services Manager (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

**DUE TO COVID-19 STOCKTON EAST WATER DISTRICT BOARD MEETINGS
WILL BE AVAILABLE BY TELECONFERENCE.**

**Please call (425) 436-6336/Access Code: 866228# to be connected to the Special Board
Meeting, to begin at 10:00 a.m.**

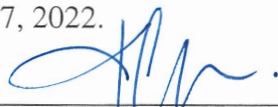
Agendas and minutes are located on our website at www.sewd.net.

AGENDA

- A. Pledge of Allegiance (President Watkins) & Roll Call**
- B. Consent Calendar (None)**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items (None)**
- E. Report of the Counsel**
 - 1. Closed Session – Personnel
Government Code 54957
- F. Adjournment**

Certification of Posting

I hereby certify that on July 7, 2022 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).
Executed at Stockton, California on July 7, 2022.



Kristin Carido, Administrative Services Manager
Stockton East Water District

Any materials related to items on this agenda distributed to the Board of Directors of Stockton East Water District less than 72 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

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